



72nd

ANNUAL REPORT

OF

THE CHILDREN'S HOSPITAL

1941

BOSTON
MASS.

THE CHILDREN'S HOSPITAL
FORM OF BEQUEST

I give, devise, and bequeath to
The Children's Hospital, in the City
of Boston, and Commonwealth of
Massachusetts, incorporated in the
year 1869, the sum of

.....
.....

THE CHILDREN'S HOSPITAL

1869

ANNUAL REPORT for the Year 1941

BOSTON - MASSACHUSETTS

MCMXLII

OFFICERS OF THE CHILDREN'S HOSPITAL

1942

President

SAMUEL H. WOLCOTT

Vice President

F. MURRAY FORBES

Treasurer

EDWARD L. BIGELOW
State Street Trust Co., Boston

Secretary

AMORY COOLIDGE

Counsel for the Corporation

JAMES GARFIELD

Committee on Investments

EDWARD L. BIGELOW (*Ex-officio*) WILLIAM ARTHUR DUPEE
SAMUEL H. WOLCOTT G. PEABODY GARDNER

Executive Committee

ALEXANDER WHEELER, *Chairman*

EDWARD L. BIGELOW

ARTHUR G. ROTCH

MRS. WILLIAM E. RUSSELL

AMORY COOLIDGE

F. MURRAY FORBES

SAMUEL H. WOLCOTT

and such other members of the Board of Managers as the President may select from time to time, to serve for a period of approximately three months each.

Social Service Committee

MRS. GEORGE H. MONKS,

Chairman

MRS. JOHN S. AMES, JR.

MRS. FRANCIS B. LOTHROP

G. PEABODY GARDNER

MRS. HOWARD TURNER

MRS. AMORY THORNDIKE

MRS. LENDON SNEDEKER

DR. ROBERT B. OSGOOD

DR. WILLIAM E. LADD

DR. BRONSON CROTHERS

DR. WILLIAM T. GREEN

DR. FRANK R. OBER

DR. CLEMENT A. SMITH

Committee on the School of Nursing

ALEXANDER WHEELER, *Chairman*

MRS. CHARLES A. NEWHALL

MRS. GEORGE H. MONKS

JAMES GARFIELD

DR. DONALD W. MacCOLLUM

MISS STELLA GOOSTRAY, R.N.

MISS SOPHIE NELSON

BANCROFT BEATLEY, LL.D.

Private Ward Committee

F. MURRAY FORBES, *Chairman*

MRS. NATHANIEL WINTHROP

DR. WILLIAM E. LADD

DR. RICHARD M. SMITH

DR. HAROLD G. TOBEY

DR. R. CANNON ELY

DR. DONALD W. MacCOLLUM

with such other individuals as the Committee may appoint.

Publicity Committee

DONALD T. CARLISLE, *Chairman*

JOHN C. KILEY

F. MURRAY FORBES

MRS. CARL H. ERNLUND

Budget Committee

SAMUEL H. WOLCOTT

ARTHUR G. ROTCH

GEORGE v. L. MEYER (*Ex-officio*)

EDWARD L. BIGELOW (*Ex-officio*)

AMORY COOLIDGE

BOARD OF MANAGERS

1942

Alexander Whiteside	1914
Samuel H. Wolcott (Ex-Officio)	1915
George v. L. Meyer	1915
F. Murray Forbes (Ex-Officio)	1918
Mrs. George H. Monks	1921
Mrs. Frederick S. Mead	1921
Louis E. Kirstein	1921
G. Peabody Gardner	1921
William Arthur Dupee	1922
Pliny Jewell	1922
Henry W. Palmer	1923
Arthur G. Rotch	1923
Mrs. H. Parker Whittington	1927
Harvey H. Bundy	1927
Louis F. S. Bader	1930
James Garfield	1931
**Gordon Abbott	1932
**F. Murray Forbes, Jr.	1932
Lawrence Foster	1932
Edward L. Bigelow (Ex-Officio)	1933
Miss Ida C. Smith	1933
Alexander Wheeler	1934
Mrs. Nelson S. Bartlett	1936
John C. Kiley	1936
**Samuel H. Wolcott, Jr.	1936
**John S. Ames, Jr. (Ex-Officio)	1937
**Charles Stockton	1937
Donald T. Carlisle	1938
Hermann F. Clarke	1939
Mrs. William E. Russell (Ex-Officio)	1939
John J. Burns	1940
Amory Coolidge	1940
**Brinley M. Hall	1941
**With United States Armed Forces	

FORMER MEMBERS OF THE BOARD OF MANAGERS

†Abbott, Gordon.	1896-1937	†Lincoln, Roland C.	1884-1885
†Abbott, Jere.	1871-1895	†Manning, J. M.	1881-1882
†Ames, F. L.	1886-1893	Mead, Mrs. Frederick S.	1921-1940
†Ames, Oliver.	1894-1920	†Mudge, E. R.	1874-1878
Ames, Mrs. F. L.	1926-1929	†Peabody, Oliver W.	1884-1896
†Baylies, Walter C.	1908-1910	†Perkins, Thomas N.	1904-1916
†Bigelow, Alanson.	1876-1884	†Phelan, James J.	1921-1934
†Bigelow, George T.	1870-1877	†Phillips, John C.	1881-1883
†Blake, Clarence J.	1895-1918	Phillips, William.	1931-1935
†Blake, J. A. Lowell.	1911-1938	†Pickering, H. G.	1879-1886
†Bremer, S. Parker.	1923-1925	Pickman, Dudley L., Jr.	1916-1925
†Brooks, Phillips.	1884-1885	†Pierce, Wallace L.	1901-1920
†Browne, Dr. Francis H.	1870-1915	†Robbins, Chandler.	1870-1882
Caswell, Mrs. William W.	1924-1925	†Rogers, Mrs. Dudley P.	1928-1939
†Comerford, Frank D.	1935-1941	†Sargent, F. W.	1918-1919
*Coolidge, Lawrence.	1936-1941	Seabury, William H.	1902-1933
Cox, Mrs. William C.	1936-1939	†Sears, J. Montgomery	1883-1905
†Dana, S. B.	1899-1901	Sears, Philip S.	1916-1925
Eliot, Mrs. Samuel	1934-1935	Seymour, Robert W.	1923-1925
†Emmons, Nathaniel.	1870-1885	†Shattuck, Dr. F. P.	1888-1919
†Emmons, Robert W., 2nd.	1903-1928	†Shaw, Louis A.	1934-1940
†Endicott, William.	1904-1928	†Spaulding, J. P.	1879-1896
†Faulkner, Charles	1870-1885	†Stearns, Frank W.	1916-1925
†Fearing, Albert.	1870-1875	†Stockton, Howard.	1897-1902
†Fiske, Charles H.	1870-1898	†Stockton, Philip.	1924-1925
†Gardner, George P.	1885-1939	Stone, Albert, Jr.	1930-1933
†Green, Samuel A.	1870-1883	†Stone, Dr. James A.	1928-1929
†Hallowell, John W.	1925-1926	†Strong, Edward A.	1870-1873
Hardwick, Huntington R.	1930-1933	†Sturgis, Russell, Jr.	1870-1871
†Herrick, Robert F., Jr.	1921-1925	†Thacher, George.	1886-1896
Hollister, Paul M.	1926-1926	†Thacher, Isaac.	1870-1883
†Howe, George D.	1871-1880	†Thayer, E. V. R.	1886-1907
†Hunnewell, F. W.	1895-1917	†Thayer, Nathaniel.	1870-1883
Hunnewell, F. W., 2nd	1915-1924	†Thomas, W. B.	1897-1902
†Hunnewell, H. H.	1886-1901	Tuckerman, John A.	1919-1920
†Ingalls, William.	1870-1902	†Wetherell, John G.	1887-1897
†Johnson, Samuel.	1870-1871	Wheeler, Henry.	1898-1926
†Joy, Charles H.	1887-1887	†Winthrop, Robert C.	1870-1894
†Kuhn, W. P.	1877-1880	†Young, Charles L.	1884-1901
†Lawrence, John.	1908-1914	†Deceased.	

STAFF EXECUTIVE COMMITTEE

William E. Ladd, M.D.	Surgeon-in-Chief
Frank R. Ober, M.D.	Orthopedic Surgeon-in-Chief
Richard M. Smith, M.D.	Physician-in-Chief
S. Burt Wolbach, M.D.	Pathologist-in-Chief
George v. L. Meyer	Director
Sidney Farber, M.D.	Secretary

ADMINISTRATIVE STAFF

Director

George v. L. Meyer

Assistants to the Director

Miss Madeline S. Gibbs, R.N.

Miss Fanny C. Knapp, R.N.

Admitting Officers

Miss Katherine W. Nelson, R.N., *Super.*

Miss Muriel J. Seff, R.N.

Miss Edith V. Bell, R.N.

Accountant

Chester E. Budden

Dietitian

Mrs. Martha H. Stuart, B.S.

Admitting Officer, O. P. D.

Miss Priscilla E. Hedley

Housekeeper

Mrs. Isabel Hall

Admitting Officers, Private Ward

Miss H. Louise Moulton, R.N.

Miss Harriet Houghton, R.N.

Photographer

Ferdinand Harding

Rate Adjuster

Miss Ethel Preble

Purchasing Agent

Miss Elizabeth C. Fitzgerald

Record Librarians

Mrs. Daisy J. Jacobs

Mrs. Elida M. Sprissler, R.R.L.

DEPARTMENT OF MEDICINE

(September 1941—September 1942)

Kenneth D. Blackfan, M.D., *Physician-in-Chief* (to November 29, 1941)

James L. Gamble, M.D., *Acting Physician-in-Chief* (November 29, 1941 to June 23, 1942)

Richard M. Smith, M.D., *Physician-in-Chief* (June 23, 1942)

Visiting Physicians

Bronson Crothers, M.D.

Louis K. Diamond, M.D.

James L. Gamble, M.D.

Lewis W. Hill, M.D.

Richard M. Smith, M.D.

Harold C. Stuart, M.D.

Edwin T. Wyman, M.D.

Associate Visiting Physicians

Allan M. Butler, M.D. (to Feb. 20, 1942)

Randolph K. Byers, M.D.

John A. V. Davies, M.D.

R. Cannon Eley, M.D.**

Charles D. May, M.D.**

Clement A. Smith, M.D.

Philip H. Sylvester, M.D.

Associate Physicians

Eliot Hubbard, Jr., M.D.
and Chief of Medical O.P.D.

Stewart H. Clifford, M.D.

Henry E. Gallup, M.D.

Stanton Garfield, M.D.

Nathan Gorin, M.D.

Hyman Green, M.D.

Gerald N. Hoeffel, M.D.

John P. Hubbard, M.D.

Dorothea May Moore, M.D.

Henry N. Pratt, M.D.**

Abraham S. Small, M.D.

Sidney H. Weiner, M.D.

Assistant Physicians

John K. Brines, M.D.	Harry Schwachman, M.D.
Albert A. Frank, M.D.	Lendon Snedeker, M.D.
Allen M. Hill, M.D.	Nathan B. Talbot, M.D. (to
Mark I. Makler, M.D.	Feb. 20, 1942)
Robert T. Moulton, M.D.	William J. Turtle, M.D.
Rose C. Munro, M.D.	Lucille Williamson, M.D.
Ralph A. Ross, M.D. (to Feb. 20, 1942)	

Resident Physicians

Glidden L. Brooks, M.D. (to Oct. 1, 1941)
Donald E. L. Thurston, M.D. (to Oct. 15, 1941)
**Clifford G. Grulee, Jr., M.D. (to Jan. 20, 1942)
**Lon C. Hall, M.D. (Jan. 1 to June 6, 1942)
**Clifford G. Grulee, Jr., M.D. (to Jan. 20, 1942)
**Edward C. Dyer, M.D. (Oct. 1, 1941 to Feb. 15, 1942)
**Lon C. Hall, M.D. (Jan. 1 to June 6, 1942)
Fred H. Allen, Jr., M.D. (to Aug. 1, 1942)
Winthrop I. Franke, M.D.
Charles G. Jennings, M.D. (Feb. 1, 1942—
Edward L. Pratt, M.D. (July 1, 1942—

House Officers

Edward C. Dyer, M.D. (to Oct. 1, 1941)
Charles G. Jennings, M.D. (to Feb. 1, 1942)
**George W. Starbuck, M.D. (to Oct. 26, 1941)
William L. Rumsey, M.D. (to January 1, 1942)
Eugene Kaplan, M.D. (to May 1, 1942)
Conrad M. Riley, M.D. (to July 1, 1942)
**William W. Wallace, M.D. (to May 1, 1942)
Edward L. Pratt, M.D. (to July 1, 1942)
Fred C. Robbins, M.D. (Sept. 1, 1941—
Lawrence C. Kingsland, M.D. (Nov. 1, 1941—
**Thomas H. Weller, M.D. (Jan. 1—May 5, 1942)
William Berenberg, M.D. (March 1, 1942—
Ferdinand Haase, Jr., M.D. (April 1, 1942—
George G. Salmon, Jr., M.D. (July 1, 1942—
Raymond W. Latham, M.D. (July 1, 1942—
Lillian A. Francis, M.D. (July 13, 1942—

** On leave of absence with U. S. Armed Forces.

DEPARTMENT OF ORTHOPEDIC SURGERY

Frank R. Ober, M.D., *Orthopedic Surgeon-in-Chief*

Surgeon

James W. Sever, M.D.

Visiting Surgeons

A. H. Brewster, M.D.
William T. Green, M.D.
Robert H. Morris, M.D.

Assistant Visiting Surgeons

William Elliston, M.D.
Paul W. Hugenberger, M.D.
Meier G. Karp, M.D.
Miriam Katzeff, M.D.
John G. Kuhns, M.D.

Resident Orthopedic Surgeons

John F. Bell, M.D.
**Eugene E. Record, M.D.

Junior Assistant Surgeons

Leo J. McDermott, M.D.
Charles L. Sturdevant, M.D.

House Officers

Edward E. Hildebrand, M.D.
Eulyss R. Troxler, M.D.
John F. Bell, M.D.

Vincent Zecchino, M.D.
David S. Grice, M.D.
Harold F. Hilty, M.D.

DEPARTMENT OF PATHOLOGY

S. Burt Wolbach, M.D., *Pathologist-in-Chief*

Pathologist

Sidney Farber, M.D.

Residents in Pathology

Dr. Henry W. Edmonds

Dr. Lent C. Johnson, Jr.

HOUSE OFFICERS

Pathology

Dr. Lawrence C. Kingsland

Dr. Alfred Pope

Surgery

Dr. Frank Nulsen

Dr. H. William Scott

Medicine

Dr. Edward L. Pratt

Dr. Thomas Weller

Orthopedic Surgery

Dr. Eulyss R. Troxler

Dr. Robert Keiser

Dr. Vincent Zecchino

Dr. Edward Hildebrand

Stomatology

Dr. Maurice Dinnerman

Dr. Charles Campelia

Research Appointments in Pathology

Dr. J. LeRoy Conel, *Research Associate in Pathology*

Dr. Charlotte L. Maddock, *Research Fellow in Pathology*

Dr. Harry Shwachman, *Research Fellow in Pathology*

Dr. Nathan Rudo, *Research Fellow in Orthopedic Pathology*

Dr. Ruell A. Sloan, *Research Fellow in Orthopedic Pathology*

Voluntary Assistants

Dr. Ethel Cermak

Dr. William Berenberg

Dr. Norman DeWilde

Dr. Ernest K. Landsteiner

DEPARTMENT OF SURGERY

1941

William E. Ladd, *Surgeon-in-Chief*

Visiting Surgeons

**Thomas H. Lanman, M.D.

Franc D. Ingraham, M.D.
(Neurosurgery)

**Carlyle G. Flake, M.D.
(Otolaryngology)

Associate Visiting Surgeons

George D. Cutler, M.D.

Donald W. MacCollum, M.D.

Robert E. Cross, M.D.

Associate Surgeons

**Henry W. Hudson, Jr., M.D.

**Patrick J. Mahoney, M.D.

**Augustus Thorndike, Jr., M.D.

Assistant Surgeon

**John W. Chamberlain, M.D.

*Ear, Nose and Throat Visiting
Otolaryngologist*

Harold G. Tobey, M.D.

Associate Orthodontist

Edward L. Silver, D.M.D.

Research Associate in Otolaryngology

Lyman G. Richards, M.D.

Stomatologist

Paul E. Boyle, D.M.D.

Associate Visiting Otolaryngologist

††Charles I. Johnson, M.D.

Associate Stomatologists

Paul K. Losch, D.M.D.

David Weisberger, D.M.D.

Associate Otolaryngologist

Charles F. Ferguson, M.D.

Volunteer Assistant in Stomatology

Dr. Norman De Wilde

Dental Orthodontist

Harry W. Perkins, D.M.D.

Resident Surgeons

- **Robert R. White, M.D. (Ended Aug. 1941)
- **F. Dale Wilson, M.D. (Ended Sept. 1941)
- **Charles L. Dimmler, Jr., M.D. (Ended Jan. 1942)
- **Eben Alexander, Jr., M.D. (Ended Jan. 1942)
- **Edward V. Ferguson, M.D.
Henry Swan, M.D.
Donald D. Matson, M.D.
- **Hannibal Hamlin, M.D. (Ended Dec. 1941)

**On leave of absence with U. S. Armed Forces.

Resident Otolaryngologist

Charles A. Tucker, M.D.

Surgical House Officers

John Kneisel, Jr., M.D.	Henry W. Scott, Jr., M.D.
Tague Chisholm, M.D.	Richard B. Stark, M.D.
Field C. Leonard, M.D.	Charles A. Hufnagel, M.D.
Louis deS Shaffner, M.D.	Frederic A. de Peyster, M.D.
Alexander H. Bill, M.D.	William G. Schock, M.D.
Frank E. Nulsen, M.D.	James E. Lewis, M.D.
K. Keller van Slyke, M.D.	Thomas Duncan, M.D.

Dental House Officer

Charles M. Campelia, D.M.D.

SPECIAL DEPARTMENTS

Bacteriologist

John A. V. Davies, M.D.

Roentgenologist

Edward B. D. Neuhauser, M.D.

Dermatologist

E. Lawrence Oliver, M.D.

Associate Roentgenologist

**L. Alexander Vance, M.D.

George M. Wyatt, M.D.

Assistant Dermatologist

Austin W. Cheever, M.D.

Stomatologist

Paul E. Boyle, D.M.D.

Volunteer Assistant in Roentgenology

Wallace C. Miller, M.D.

Ophthalmologist
J. Herbert Waite, M.D.

Associate Stomatologists
Paul K. Losch, D.M.D.
David Weisberger, D.M.D.

Assistant Ophthalmologist
Paul A. Chandler, M.D.
E. B. Goodall, M.D.
**Trygve Gunderson, M.D.

Assistant Stomatologist
Volunteer Assistant in Stomatology
John C. Brown, D.M.D.
Paul H. Gilpatrick D.M.D.

Director of Physical Therapeutics
Miss Janet Merrill

Research Associate in Psychology
Elizabeth Lord, Ph.D.

Director of Paralytic Clinic
Miss Mary E. Trainor, R.N.

Director of Social Service
Miss Marion W. Hall

Occupational Therapist
Miss Lois Brownell

Assistant Chemist
Miss Janet Appleton, A.B.

Visiting Pharmacologists
Reid Hunt, M.D.
Otto Krayner, M.D.

Visiting Physiologist
Hallowell Davis, M.D.

Visiting Biological Chemist
A. Baird Hastings, M.D.

Consulting Staff
Fred R. Blumenthal, D.M.D.
J. Lewis Bremer, M.D.
Allan M. Butler, M.D.
T. Duckett Jones, M.D.
L. M. S. Miner, M.D.
Charles G. Mixter, M.D.
Robert B. Osgood, M.D.
Merrill C. Sosman, M.D.
Albert B. Ferguson, M.D.

**With U. S. Armed Forces.

SCHOOL OF NURSING AND NURSING SERVICE

Superintendent of Nurses and Principal of School of Nursing

Stella Goostray, R.N.

Assistant Principal of School of Nursing
Mary E. Norcross, R.N.

Second Assistant
Kathryn Cheney, R.N.

Instructors
Emily G. Pearson, R.N.
Elizabeth Romine, R.N.

Medical and Isolation Services
Ethel M. Trafton, R.N., *Supervisor*
Theresa Hurley, R.N., *Head Nurse*
Harriet O'Hara, R.N., *Head Nurse*
Julia A. Zelek, R.N., *Head Nurse*

Surgical and Throat Services
Frances E. Leary, R.N., *Supervisor*
Edith M. Ahrens, R.N., *Head Nurse*
D. Louise Dickens, R.N., *Head Nurse*
Kathryn R. Donovan, R.N., *Head Nurse*
Florence R. Lanno, R.N., *Head Nurse*

Orthopedic Service
Dorothy F. Pratt, R.N., *Supervisor*
Margaret Regan, R.N., *Head Nurse*
Roberta Bentley, R.N., *Head Nurse*

Neurological Service
Elizabeth C. Logan, R.N., *Head Nurse*

Infants' Medical Service
Harriet B. Russell, R.N., *Supervisor*
Serene Berg, R.N., *Head Nurse*
Hope G. Furgin, R.N., *Head Nurse*

Assistant Superintendent of Nurses
Muriel B. Vesey, R.N.

Assistant Superintendent of Nurses at Night
Mary G. Chapman, R.N.

Night Supervisors
Marjorie S. Lovell, R.N.
Elizabeth F. Webster, R.N.

Operating Room
Edith C. Jenkins, R.N., *Supervisor*
Marjorie Potter, R.N., *Assistant*
Felicia Szajnar, R.N., *Assistant*

Anesthetists
B. Elaine Lank, R.N., *Chief*
Sara A. Metzler, R.N.
Ruth Hodgdon, R.N.
Sophia Fotis, R.N.

Out-Patient Department
Maud Gillespie, R.N., *Head Nurse and Instructor, Medical Clinic*
Marion G. Perkins, R.N., *Assistant Head Nurse, Medical Clinic*
Helen C. Harding, R.N., *Head Nurse, Orthopedic Clinic*
Dorothy E. Fitzgerald, R.N., *Head Nurse, Surgical Clinic*

Private Ward
Sarah J. Vickery, R.N., *Supervisor*
Bettina Daniels, R.N., *Head Nurse*
Verna L. Pearl, R.N., *Head Nurse*
Alice Fleming, R.N., *Head Nurse*

Nurses' Infirmary
Christine Ritchie, R.N., *Head Nurse*

REPORT OF THE BOARD OF MANAGERS

DURING the year 1941, the Hospital treated in its wards 3,780 children, who made an average stay of 15 days each, or a burden of 58,000 beds with sick children in them (known as hospital days) for the Staff and nurses during the course of the year. Here 90 children could pay nothing and some 900 others could only pay part of the charges set by the Hospital. The maximum ward charge asked last year was \$3.50 a day which is far less than the actual cost to the Hospital.

In the Out-patient Department 14,477 individuals came in for treatment, with a total number of visits for the year attended to by Staff and nurses of 64,791. Of these over 19,000 visits paid nothing and 5000 others paid less than the 50c per visit asked by the Hospital.

These figures only show the bulk of the service for which the Hospital is called upon. They give no idea of all the intricate, scientific mechanisms which are needed to carry on the numberless problems brought in, nor the minute analytical processes which go into each individual case. They do not take into account the skill and wisdom of the doctors, the well-taught nurses, the laboratories with their scores of pathological, bacteriological and chemical tests and examinations, the never-ending research, the X-ray technique, and, co-ordinating all, the direction and smooth administration.

The year started out with the staffs satisfactorily filled, but as the year progressed, the Army and Navy began to make their calls so that at the time of writing 23 doctors have gone from our four Services. Also, ten nurses have gone.

The full replacement of these vacancies is unlikely because so many men are constantly being called to war service. The problem of keeping up enough House Officers and Internes is acute for the same reason. But readjustments are being made without confusion or lessened service. There are not likely to be fewer children to look after in 1942 than there were in 1941, and their needs are not likely to be simpler. This means a greater responsibility on the whole Hospital Staff and particularly on the Chiefs of Service. It should be said that they are facing the difficult situation with much personal self-sacrifice and with the determination that the standard of the Hospital shall not be lowered.

Another disappointment to the Staff and to the Board of Managers, besides the shortage of men, has been the check to the program of progress which the Staff had proposed to the Managers as its conception of the aims and long-view development of the Hospital.

This program, while temporarily delayed, is accepted by the Managers as the considered conclusions drawn by the Staff Executive Committee from their critical considerations of the problems of the Hospital as a whole and of their forecast into the future. The Staff Executive Committee is the clearing house for all the ideas, demands, and aspirations of each of the divisions and subdivisions of the Hospital, considered in their relative importance and in the light of administrative expediency. Therefore, when this Committee makes recommendations to the Managers, their disposition is to carry them out if possible. However, the times and the drain on the resources of the community make it inexpedient now to try to raise capital funds.

In the statement presented by the Staff, particular emphasis was placed on the Evolution taking place in the medical profession in its relation to its service in hospitals, and on the limitations of the doctors, both physical and financial, to the service which they can give free to hospitals. It is pointed out that no greater contribution can be made to the advance in the science of the care of children than the establishment in hospitals of men who can give their entire time and talents there. The only way this can be done is to provide a sufficient financial inducement to attract men to make a hospital career. If this possibility to the greater safety of children can be fully understood, it should offer to those planning bequests a new and special appeal.

Of the most important recent appeals made by the Managers, the Fund for the William E. Ladd Chair of Child Surgery at the Harvard Medical School continues to grow; but slowly. The Professorship in the person of Dr. Ladd is in full operation and the Hospital has the distinction of being the first to obtain the recognition that child surgery is an art and science apart from adult surgery and should be taught as such.

Another distinction to the Hospital is the recently organized Frank R. Ober Department of Orthopedic Research, of which we shall hear more in the future. The Department is named after Dr. Ober, Chief of our Orthopedic Service.

It is particularly sad in recording these distinctions of our Staff to think of the untimely death of Dr. Blackfan. He was 56 years old when he died on November 29, 1941, and had been Chief of our Medical Service for 18 years as well as Professor of Pediatrics at the Harvard Medical School and consultant of four hospitals. He filled a unique position in the country in the field of pediatrics and was a beloved figure by all his students and professional associates.

The Managers wish to express their gratitude to Dr. James L. Gamble, Professor of Pediatrics at the Harvard Medical School and Visiting Physician to The Children's Hospital, who assumed the duties of Acting Chief of the Department when Dr. Blackfan became ill.

The many Committees of the Board of Managers attached to the major activities of the Hospital have been extremely helpful. These Committees are supplemented by doctors from the active Staffs and by members of the Welfare Committee. They form a very direct and informative contact with the actual workings of the Hospital. Unfortunately for the Hospital, seven of the younger Managers are going out to war service and their help will be missed until we can look forward to their return.

The Board of Managers takes this opportunity to express their great gratitude to the workers in the Community Fund who made possible the share which the Hospital received from the Fund.

The enthusiastic thanks of the Managers also go to the ladies of the Welfare Committee for their enterprising and unremitting labor in the second success of the Yankee Trading Post. Also for their many other activities and for the very special and modern sterilizer installed in the improved operating rooms.

To the doctors, to the Director and his assistants, to the Superintendent and Principal of the School of Nursing and her nurses, and to the whole hospital personnel, the Managers send their neverceasing thanks for their devotion and loyalty.

BOARD OF MANAGERS

DIRECTOR'S REPORT

THE report for the year 1941, must reluctantly be in a less optimistic vein than other reports of previous years. To say that the year was full of trials and disappointments is nothing short of an under-statement.

By a cruel turn of fate, Kenneth D. Blackfan, our Chief of Medical Service, and Thomas Morgan Rotch, Professor of Pediatrics, was stricken with a serious illness, and his subsequent death was a very serious blow to the institution.

The difficulties with labor became more serious as the year went on, and we are profoundly grateful that our department heads, who were most affected, faced the problem with remarkable loyalty to the hospital and with infinite patience and courage.

Instead, therefore, of a year of constructive effort we find that we went through a period of many tribulations, over-whelmed continually with the most difficult of all problems to meet at any time; namely, Uncertainty.

We had looked forward to the year 1941 with a fond hope that a good deal of progressive work might be done; namely, that quite a few plans which would improve the usefulness and the scope of the hospital might become realities.

To be sure conditions in Europe had already obliged us to give up any thought of new hospital buildings, but there were various intramural schemes under consideration, which if consummated would not involve anything but minor alterations.

One of these was to put to better use the facilities of the Isolation Building, making this a unit for the study of Infectious Diseases.

With this plan went also the consolidation of the Surgical Units now scattered between Smith Ward, Ward II and Ward IV. A Metabolism Unit was under serious consideration. Plans for a new Amphitheatre were drawn up, for our Amphitheatre has serious drawbacks. Its seating capacity is small and the visibility from 30 per cent of its one hundred seats is practically nil, now that slides are used so frequently to project on a screen the subject matter of the lecture or discussion.

As the months rolled by, however, our hopes were replaced one by one by worries and by the realization that the war — from which many had thought us safely isolated — was approaching nearer to our shores.

The Declaration of War subsequent to the historic attack on Pearl Harbor was a stunning blow to every American. It nevertheless crystallized many conjectures and obliged us to face definite facts, some of which fortunately, had been largely discounted. The "writing on the wall" had not been entirely ignored.

Everyone set to with new vigor, courage and determination. Realities, no matter how stressing, are no more difficult to surmount than are uncertainties which tend to encourage procrastination.

The year 1941, therefore, was a period of anticipation and preparedness, and a struggle against the forces which were complex and impairing to the routine administration of any Corporation.

All the "offensive" plans of the early part of 1941 were one by one held up temporarily for more propitious times, and as Christmas drew near, our thoughts were turning to the possibilities of being bombed, to black-outs, to emergency relief stations, to evacuation of patients, etc.

Certain facts are fairly obvious. The Great American Public, born and bred in an atmosphere of complacency, are going to have some illuminating revelations and are going to have to forego many of the luxuries, yes, many of the conveniences and necessities to which they have been accustomed. Hospitals are to be no exception.

While it was apparent that such trials and tribulations as have been faced during 1941 are to be multiplied manifold, it is gratifying to note a grim determination to meet eventualities cheerfully, whether they be to answer the call to combat the enemy, or to stay at home to combat illness.

Neither task promises to be an easy one. Both, however, have one quality in common—both are vital to the defense and to the future of the nation.

Glory and praise will be to him who fulfills his job cheerfully, unselfishly and without thought of reward, till the battle is won.

G. v L. MEYER, *Director*

KENNETH D. BLACKFAN

*Thomas Morgan Rotch Professor of Pediatrics,
Physician-in-Chief of the Children's Hospital,
Medical Director of the Infants' Hospital,
1923 - 1941*

THE following resolution was adopted at a meeting of the faculty of the Harvard Medical School. This resolution gives in outline the story of Kenneth Blackfan. The word story is suitable. Most of us reached our stations in medicine by traveling the valley road through lush meadows of educational opportunity. His path lay over the hills. To follow it was adventure and required courage and great fidelity of purpose.

Kenneth Blackfan began his career in medicine in the year 1905 as a country doctor. Eighteen years later he became Thomas Morgan Rotch Professor of Pediatrics, and for another eighteen years he carried his department forward with consummate skill and success. There is no need to recount to this faculty his large services to the Harvard Medical School. But in order that our admiration of him may be complete, the record of a continuous and hard-won education which brought the country practitioner to a position of high effectiveness in university medicine, should be before us.

He was born and spent his boyhood in Cambridge, N. Y., a pleasantly situated hamlet about forty miles north of Albany. On graduating from the local high school he entered the Albany Medical School of Union University. During his third year Richard Pearce came to the school as Professor of Pathology and Bacteriology. Kenneth Blackfan responded to the enthusiasm of this fine student of disease. He begged, and won, permission to work in his laboratory through the following summer. A warm student-master friendship sprang up. This friendship determined his future course in medicine. But not immediately. On receiving his medical degree at the age of twenty-two, he returned to his home town and for the next four years drove about the countryside on the varied errands of a general practitioner. He always recalled those horse and buggy years with pleasure, and there are older citizens of that region who still delight in relating therapeutic triumphs of "young Doctor Ken." But there were disturbing visits to nearby Dorset, just over the line in Vermont, where Richard Pearce spent his summers. There he found friendly interest and encouragement which gradually produced the determination to find out what might lie over the horizon in medicine.

So, in the year 1909, the young country doctor set out for Philadelphia with letters from Richard Pearce. There he was kindly received by Samuel Hamill

and David Edsall and a place soon found for him as resident-in-charge of a foundling hospital. Kenneth Blackfan thereupon became a pediatrician. Two years later John Howland, who had accepted the Professorship of Pediatrics in the newly reconstructed Medical School of Washington University, offered him a residency. This was a very large stroke of fortune. It removed the adventurer from his lonely post in the foundling hospital and, after two years in St. Louis, placed him in the group of young pediatricians which assembled around Howland in Baltimore when he succeeded Von Pirquet at Johns Hopkins in the year 1912. Here there was a newly built hospital for infants and children, and laboratory equipment far beyond anything which had yet been given a clinical department in this country. Howland's group used their large opportunity with enthusiasm and under his wise guidance the laboratories were from the outset importantly productive. It was the place to be in pediatrics at that time. The most beloved member of this group was the resident physician. No one watched work under way in the laboratories with a more eager interest. And he found time to participate. By way of instance, his work with Dandy on internal hydrocephalus has come to deserve that lofty adjective, classic. His demonstration that dehydration is a much more dangerous feature of diarrhoeal disease than is the state of scidosis which Howland and Marriott had just discovered shifted emphasis from alkali therapy to fluid replacement and produced the basis of our present effective treatment of this chief scourge of infants.

When Kenneth Blackfan reached the age of thirty-seven, he was still a resident. He had held this modest post for eleven years. But he had reached his goal. He knew the existing body of knowledge in his chosen field, he knew its frontiers and he knew where the paths of progress lay. He was a superb diagnostician and a master of detail of hospital care of patients. Behind all this, four years of countryside practice had given him resourcefulness in use of means at hand and an understanding of the social realities of the physician's task. He was in all respects qualified for the diverse duties of departmental headship. His first commission came in the year 1920 when he was appointed Professor of Pediatrics at the University of Cincinnati. There he built up his department and guided a large development of hospital equipment with outstanding success. Then in 1923 the fruits of eighteen years of education toward leadership fell to Harvard.

Why did he follow this long and economically narrow path with such serene contentment? This question would have annoyed Kenneth Blackfan. His philosophy was remarkably uncomplicated. There was nothing which could be called ambition, and there was nothing of the "ich dein" complex about him. He had simply discovered a durable delight in his work. The anatomy of this delight did not interest him. He knew an inscrutable phenomenon when he saw one. His modest and conservative use of a fine mind gave his judgments a great validity and brought him into a high position in the councils of this school. Knowing little of the art of verbiage he was not a skillful lecturer, but in the wards his teaching of students and of his interns was close to perfection. He used the treasures of his experience, not to dazzle by making the diagnosis at a glance, but to point out sound appraisalment of obtainable evidence.

A large cause of Kenneth Blackfan's success in leadership was his gentle friendliness. He always made his associates feel that they were his comrades in the enjoyable adventure against disease. Also he was very brave. Beginning in his latter Baltimore years, he suffered a series of physical afflictions which he

bore with an unbelievable fortitude. He was friendly and gentle and brave. The simplicity and the sincerity of these traits gave him his great beauty of personality.

Such a record produces many reflections. I will offer you only one. We see very clearly the power of personality in the transmission of effective idealism. Undoubtedly Johns Hopkins, the University of Cincinnati and Harvard owe their Kenneth Blackfan to Richard Pearce. He lighted a flame of inquiry which burned quietly but always steadily thereafter. In Baltimore there was the irresistible impact of the vibrant enthusiasm of that most companionable of chiefs, John Howland. In Boston, over the last of his physician years, Kenneth Blackfan, in his turn, gave to his students and interns, and to young investigators, an understanding of the joy of attempting a high use of knowledge. This is the purest of gifts because it is unconsciously bestowed and so has no taint of benevolence. So this story incidentally relates the process of transfer of the imperishable implement of progress which we call inspiration, by those who are worthy, in richness of character, to be its custodian.

JAMES L. GAMBLE, M.D.

DIRECTOR'S IN-PATIENT STATISTICAL REPORT

The Children's Hospital

Boston, Massachusetts

For the year ended December 31, 1941

					Hospital Days		
	Pri.	Pub.	T.		Pri.	Pub.	T.
Remain Dec. 31, 1940	50	137	187	Medical	7,091	12,431	19,522
Admitted	1,968	3,733	5,701	Surgical	1,463	22,307	23,770
				Orthopedic	666	13,191	13,857
Treated	2,018	3,870	5,888	Throat	3,941	5,477	9,418
Discharged	1,988	3,714	5,702	Neurological	223	2,584	2,807
				Isolation	217	2,201	2,418
Remain Dec. 31, 1941	30	156	186		13,601	58,191	71,792

	Admissions			Bed Capacity			Bed Occupancy		
	Pri.	Pub.	T.	Pri.	Pub.	E.	Pri.	Pub.	T.
Medical	783	737	1,520	10	44	54	20	34	54
Surgical	388	1,408	1,796	10	66	76	4	61	65
Orthopedic	73	405	478	10	47	57	2	36	38
Throat	677	879	1,556	12	31	43	11	15	26
Neurological	34	201	235	—	15†	15	—	7	7
Isolation	13	103	116	—	38†	38	—	6	6
	1,968	3,733	5,701	42	241	283	37	159	196

	Discharges			Operations			Deaths and Autopsies					
	Pri.	Pub.	T.	Pri.	Pub.	T.	Pri.		Pub.		Total	
Medical	792	727	1,519	52	21	73	D.	A.	D.	A.	D.	A.
Surgical	395	1,389	1,784	365	1,086	1,451	20	14	26	21	46	35
Orthopedic	75	415	490	84	413	497	—	—	—	—	—	—
Throat	676	875	1,551	786	792	578	—	—	1	1	1	1
Neurological	34	199	233	23	205	228	1	—	—	—	1	—
Isolation	16	109	125	—	—	—	—	—	1	—	1	—
	1,988	3,714	5,702	1,310	2,517	3,827	31	18	85	65	116	83

Percentage of Autopsies 58% 75% 71%

The Infants' Hospital

Boston, Massachusetts

For the year ended December 31, 1941

Remain December 31, 1940	43	Operations		
Admitted	664			
Treated	707	Surgical		10
Discharged	664	Throat		21
		Neuro		1
Remain December 31, 1941	43			32
Bed Capacity	66	Deaths		92
Bed Occupancy	40	Autopsies		77
Hospital Days	14,462	Percentage of Autopsies		84%

DIRECTOR'S STATISTICAL REPORT—OUT-PATIENT

The Children's Hospital

Boston, Massachusetts

For the year ended December 31, 1941

<i>Clinic</i>	<i>Free</i>	<i>Part Rate</i>	<i>Full Rate</i>	<i>Total Visits</i>
Medical.	5,052	1,955	17,378	24,385
Surgical.	3,456	1,052	9,403	13,911
Orthopedic.	2,486	1,138	8,217	11,841
Lateral Curvature.	550	122	1,652	2,324
Infantile Paralysis.	4,988	—0—	—0—	4,988
Throat.	763	325	2,291	3,379
Muscle Training.	1,407	323	1,672	3,402
Lamp.	—0—	—0—	2	2
Dental.	446	1	112	559
	<hr/> 19,148	<hr/> 4,916	<hr/> 40,727	<hr/> 64,791

	<i>New Cases</i>	<i>Transfers</i>	<i>Old Cases</i>	<i>Total Visits</i>
Medical.	4,332	635	19,408	24,375
Surgical.	2,415	646	10,850	13,911
Orthopedic.	1,010	440	10,391	11,841
Lateral Curvature.	28	74	2,222	2,324
Infantile Paralysis.	64	—0—	4,924	4,988
Throat.	323	693	2,363	3,379
Muscle Training.	5	32	3,365	3,402
Lamp.	—0—	—0—	2	2
Dental.	—0—	1	568	569
	<hr/> 8,177	<hr/> 2,521	<hr/> 54,093	<hr/> 64,791

Emergencies

Medical	773	Total Number of Individuals	14,477
Surgical	1,192	Daily Av. No. of New Cases	27
Orthopedic	111	Daily Av. No. of Total Cases	215
Throat	256	Minor Operations	674
	<hr/> 2,332		

REPORT OF THE TREASURER

Balance Sheet as of December 31, 1941

ASSETS

Current Assets:

Cash in bank and on hand.....	\$ 87,755.99	
Accounts receivable, patients.....	13,750.96	
Accounts receivable, other.....	9,767.65	
Infants' Hospital, balance of share of operating costs.....	6,518.48	
Accrued interest and dividends.....	45,252.28	
Materials and supplies on hand.....	34,631.27	
Prepaid expenses.....	2,077.61	
		\$ 199,754.24

Investment Securities:

General fund investments.....	\$2,843,321.79	
Restricted fund investments.....	1,620,888.17	
		4,464,209.96

Other Investment Property:

Real estate.....	\$ 458,750.00	
Mortgage receivable.....	58,400.00	
		517,150.00

Plant and Equipment:

Land.....	\$ 211,128.03	
Hospital buildings.....	1,813,332.35	
Dormitory property.....	883,116.19	
Furniture, equipment and improvements (depreciated value).....	42,626.74	
		2,950,203.31

Total Assets.....		\$8,131,317.51
-------------------	--	----------------

LIABILITIES AND CAPITAL

Liabilities:

Accounts payable (current bills).....	\$ 16,814.12	
Credit balances, accounts receivable.....	1,065.30	
School of Nursing, tuitions unearned.....	3,666.20	
		\$ 21,545.62

Capital:

General fund.....	\$6,459,906.51	
Restricted investment funds.....	1,623,395.06	
Temporary special funds.....	26,470.32	
		8,109,771.89

Total Liabilities and Capital.....		\$8,131,317.51
------------------------------------	--	----------------

STATEMENT OF INCOME AND EXPENSE

For the Year 1941

Income:

Hospital revenue.....	\$323,294.15
Income from investments.....	214,581.95
Donations and subscriptions.....	77,288.45

Subscriptions through Welfare Committee (net).....	8,858.27	
Miscellaneous Income.....	17,349.39	
<i>Total Income</i>		\$641,372.21
<i>Expenses:</i>		
Operation of Hospital.....	\$654,281.57	
Taxes.....	79.20	
Publicity.....	778.14	
Treasurer's office (financial matters).....	4,995.50	
Miscellaneous.....	3,064.80	
<i>Total Expenses</i>		663,199.21
<i>Operating Deficit</i>		<u>\$21,827.00</u>

LEGACIES AND GIFTS FOR INVESTMENT

Received during 1941

FOR GENERAL FUND LEGACIES

<i>Estate of</i>		
Bemis Library Trust (add'l).....	\$ 25,000.00	
Clara H. Briggs.....	12,512.25	
Eugenie Stafford Brown, "The Stafford Leighton Brown Fund" ..	87,686.47	
Helen Dana (add'l).....	1,250.00	
Charles W. Dennis.....	4,853.35	
Lucy H. Eaton (add'l).....	350.00	
Frederick L. Ellis (add'l).....	7,939.65	
Alfred F. Haines.....	7,000.00	
Mildred Johnson (add'l).....	400.00	
Lizzie W. Lincoln.....	4,030.76	
Agnes M. Lindsay (add'l).....	500.00	
William McKenney.....	5,000.00	
Clara Fearing Pierce.....	933.33	
Nellie M. Seavey (add'l).....	200.00	
		<u>\$157,655.81</u>

FOR RESTRICTED INVESTMENT FUND

<i>Estate of</i>		
Mary Ida Converse.....	\$15,063.30	
Kate S. Gunn.....	5,601.75	
Clara N. Marshall (add'l).....	2,500.00	
William G. Moseley (add'l).....	40.00	
	<u>\$23,205.05</u>	

OTHER SPECIAL PURPOSE GIFTS 1941

	<i>Previous Unexpended Balance</i>	<i>Received 1941</i>	<i>Expended 1941</i>	<i>Dec. 1, 1941 Unexpended Balance</i>
Angiocardiology Fund	\$ 128.50	\$ ———	\$ 43.50	\$ 85.00
Apparatus (special) Neurolog- ical Dept.....	186.52	———	22.50	164.02
Boston Council of Social Agen- cies—Medical Relief Fund..	40.66	116.92	141.90	15.68

Children's Hospital Alumni Association—Research Fund Income Account.		109.94		109.94
Committee of the Permanent Charity Fund.	82.19	600.00	682.19	
Conservation Fund.		7.85		7.85
Dental Research Fund.	107.93			107.93
Dickens' Fellowship Fund.	99.23	40.00	1.80	137.43
Earhart Foundation Fund.	1,046.65	6,125.00	6,182.40	989.25
Harwood, Mary Louise Fund.	14.18	395.01	395.01	14.18
Infantile Paralysis President's Birthday Ball.	563.84	3.15	1.94	565.05
Ladd, William E., Chair of Child Surgery.		1,487.30	499.96	987.34
Legg Memorial Fund.	500.00	2,500.00	2,986.60	13.40
Library Fund.	757.83	231.90	523.58	466.15
Occupational Therapy Fund.	54.00			54.00
Orthodontia Equipment Fund.	63.66	1,000.00		1,063.66
Orthopedic Department Fund.	50.00		2.85	47.15
Orthopedic Infantile Research Fund.	3,336.65	4,250.00	4,603.18	2,983.47
Pathology Fund.	685.35	246.60	914.73	17.22
Physiotherapy Fund.	50.00		50.00	
Pierce, Henrietta M. Pleasure Fund.	364.94	215.55	298.44	282.05
Pleasure Fund.	41.04	32.00	35.00	38.04
Prouty, Mr. and Mrs. Lewis I. Gift.	11,250.00			11,250.00
Research in Children's Surgery Godfrey M. Hyams Fund.	3,271.53	5,000.00	4,746.96	3,524.57
Rollins, Adelaide H. Splint Fund.	91.90	46.42		138.32
Shuman Clothing Fund.	12.52	43.11		55.63
Katharine E. Silsbee Fund for Splints.	153.98	1,077.75	595.10	636.63
Social Service Sundries.	27.90	319.50	283.00	64.40
Solby, Esther Andrews Taxi Fund.	47.46	300.00	250.89	96.57
Special Nursing Fund.	31.50		31.50	
Studies on Renal Calculae in Poliomyelitis with Paralysis.		2,050.00		2,050.00
Ultra Violet Ray Study.		1,000.00	508.00	492.00
Weeks, Nelson E. Fund.		1,000.00	1,000.00	
Wheel Chair Fund.	3.15		3.15	
Zonta Club for Occupational Therapy.	30.72	197.17	214.50	13.39
Totals.	\$23,093.83	\$28,395.17	\$25,018.68	\$26,470.32

*Income of Funds Added to Principal of Said Funds
In Accordance with Wording of Deed of Gift*

Charles Tidd Baker Fund.	\$ 338.00
Horace A. Latimer Fund.	898.24
Esther Andrews Solby Fund.	\$264.38
(Income and portion of principal transferred to temporary fund for cost of transportation of patients).	300.00
Elizabeth C. Ware.	—35.62
	327.92
	\$1,528.54

GIFTS TOWARDS CHILDREN'S HOSPITAL DAYS

A DONATION of \$1000 carries with it the privilege of dedicating the services of the whole Hospital for one day.

A donation of \$100 gives the same privilege for one Ward for one day.

Inscription

Donor

December 23d

The service of this Ward is given
in loving memory of

ARTHUR T. BRADLEE

MRS. ARTHUR T. BRADLEE

January 1st

The service of this Ward is given
in loving memory of

A. F. R.

MRS. F. B. CROWNINSHIELD

October 4th

The service of this Ward is given
in loving memory of

DR. HENRY JACKSON

ANONYMOUS

DONATIONS AND SUBSCRIPTIONS

THE HOSPITAL is deeply and sincerely indebted to the 1298 individuals and 294 organizations and clubs who contributed \$87,547.24 towards the running expenses in 1941, some making their contributions direct to this Hospital and many kindly designating for the benefit of this Hospital whole or part of their contributions to the Greater Boston United War Fund of which this Hospital is one of the participating charities.

RESTRICTED INVESTMENT FUNDS

1869 to December 31, 1941

Charles Tidd Baker.....	\$ 16,019.13
Ida Chase Baker.....	60,000.00
Ann Barnet.....	5,000.00
Alanson Bigelow.....	5,000.00
Helen Sewell Briggs.....	63,889.13
Laura A. Brown.....	9,957.05
The Children's Hospital Alumni Association Research.....	5,100.36
Helen Coburn.....	49,900.50
Costello G. Converse.....	25,000.00
Mary A. Coombs.....	17,844.04
Marian Frances and Sarah Winter Copenhagen.....	5,000.00
Susie Dodge Crawford.....	5,000.00
Harriet Otis Cruft.....	20,000.00
Lilla Sargent Cunningham.....	5,000.00
Clara S. Davis.....	25,000.00
Caroline T. Downes.....	51,314.00
Charles H. Draper.....	23,934.12
Eliza J. Bell Draper.....	1,000.00
Eugene F. Farnham.....	5,104.00
Temple R. Fay.....	69,532.50
Marjorie Forbes.....	5,000.00
Thomas A. Forsyth.....	2,000.00

Amelia Greenbaum.....	48,175.97
Alexander Gunn Endowment.....	5,601.75
Robert Millholland Hanna, Jr.....	5,000.00
Henry C. Haven.....	5,000.00
Charles Hayden Foundation.....	3,000.00
William H. Hervey.....	11,821.97
William Hilton.....	10,000.00
Mary S. Holbrook.....	15,465.42
Charles W. Holzer.....	41,666.67
George S. Hyde.....	8,625.88
Henry Clay Jackson.....	35,000.00
Charles P. Jaynes.....	11,447.00
Mrs. Jerome Jones.....	9,935.95
John D. W. Joy.....	5,000.00
Claude L. Kettle.....	5,000.00
Kate Andrea Knowlton.....	2,245.00
William E. Ladd Chair of Pediatric Surgery.....	44,334.78
Horace A. Latimer.....	42,570.11
Madeleine Lee, In memory of.....	5,000.00
Joseph W. Leighton.....	12,000.00
Maria D. Lockwood Trust.....	5,109.27
Clara N. Marshall.....	5,000.00
Mrs. Edythe Marshall.....	2,250.00
James C. Melvin.....	49,251.25
James C. Melvin, Jr.....	5,000.00
Margaret A. and John Merriam.....	6,000.00
Alice Appleton Meyer.....	1,500.00
Kate M. Morse.....	15,000.00
Mary E. Moseley.....	4,290.00
Albert H. and Margaret Ann Munsell.....	21,105.32
Frank R. Ober Research.....	5,035.93
Albert N. Parlin.....	50,000.00
Georgie T. Patten.....	19,699.57
Amy Peabody.....	50,000.00
Henry G. Pickering.....	4,969.56
Henrietta M. Pierce.....	5,000.00
Grace Winthrop Rives, in memory of.....	50,000.00
Adelaid H. Rollins, Splint Fund.....	1,079.11
Frank Davison Rust, Memorial No. 1.....	6,200.00
Frank Davison Rust, Memorial No. 2.....	4,000.00
Sarah Gardner Sears.....	5,000.00
Elizabeth G. Shepard.....	3,100.00
A. Shuman, Clothing Fund.....	1,000.00
Katharine E. Silsbee.....	25,000.00
Esther Andrew Solby.....	6,097.08
Harriet W. Taber.....	2,584.48
Helen Hallett Thompson.....	11,276.49
John Parker Townsend.....	3,000.00
Elizabeth G. Ware.....	30,754.54
Elizabeth White.....	100,000.00
Mabel Wilbur.....	5,000.00
Edwin A. Wyeth.....	50,000.00
Charles Loring Young.....	5,000.00
Unnamed restricted funds.....	262,607.13

<i>Total</i>	\$1,623,395.06
--------------------	----------------

GIFTS TO ESTABLISH MEMORIALS

Endowed Beds

BY vote of the Board of Managers, and until further action by the Board, a gift of \$25,000 will endow a bed.

MEMORIALS

FOLLOWING a recommendation of the Staff, the Managers decided to remove all memorial tablets from the walls of the wards, and place them in the future on a panel over the nurses' station of each ward, or elsewhere, and, accordingly, it was voted that in the future a donor of not less than \$1000 has a right to place a memorial for a five-year period on the memorial panel.

One Memorial

Lotta M. Crabtree Bed

From the Trustees, Lotta M. Crabtree Estate

One Memorial

Katherine C. Stoneman Bed

"In memory of my beloved Mother, Mary O. H. Stoneman"

A complete list of memorials follows:

MEMORIALS

To December 31, 1941

WARD 1, LOWER A

Prouty Ward

In memory of Anne and Olivia Prouty, 1917-1921

WARD 1, LOWER B

Henry Augustus Turner Memorial Bed

Mabel C., Chester, Brookline, Mass.

She filled her niche, laughed often and loved much. 1865-1921

Donated by Caroline Shapera. In loving memory of her son, H. Clarence Shapera, Quebec, Canada, 1881-1891

In memory of Charles Henry Peirce

Abigail M. Curran, 1924

Ellen L. Doe

Gertrude Gouverneur Hunnewell. Born February 3, 1862. Died March 15, 1890

George F. Kimball Cot

Francis Welles Hunnewell. Born November 3, 1838. Died September 30, 1917. President of The Children's Hospital, 1901-1917

In Loving Memory of Ruth Faxon

In Loving Memory of Wallace L. Pierce

In Memory of Sullivan Amory, February 22, 1878-May 5, 1881

In Loving Memory of Philip Leverett Saltonstall, Jr., April 17, 1922-April 8, 1925

James Henry Williams, 1843-1908

Harriett M. Lothrop

Presented by the Massachusetts Children of the American Revolution in Memory of their National Founder

In Loving Memory, Robert Pearce Williams, Aet. 13 years, 1907

Annie Louise Richards Bed

In Memory of Mrs. Ida Chase Baker, Benefactress of this Institution

Robert Louis Stevenson

Carrie Elizabeth Tyler, 1883-1885 (Sun Parlor)

WARD 1, UPPER

Maria Frances Coppenhagen
Sarah Winter Coppenhagen
Florence Dean Curtis
Jessie Preston Draper
Margaret Constance Ellis
In Loving Memory of
 Alice M. C. Matthews
Susan Wells Preston
Sara P. Lowell Blake
Florence Cobb Brooks, 1912-1918
Rosamond Freeman
Theresa Pierce
Bertha F. Taylor
Harriet Elizabeth Pierce Wood

Ellen Richards Slater
In Loving Memory of
 Hazel Mills Angevine
Madeleine Rich Bed
From the Ethel Maud Clapp
 Memorial Fund
Massachusetts State Federation
 of Women's Clubs
Irene Wood Memorial Bed
In Memory of Clara
Elizabeth G. Shepard
Maria P. Bowen Memorial Bed
In Memory of Hope Clement, 1875-
 1899 (Sun Parlor)

IDA C. SMITH WARD

MEMORIAL CUBICLES

In Memory of Robert C. Morse
In Memory of Alice Mary Longfellow,
 1850-1928
Gift of Gloria Grant Brown
In Memory of Catherine A. Fairbanks
In Loving Memory of Janet Dyas
 Shearer
In Memory of Harriet Atherton
 Bubier Bergman

Brookline Woman's Club—1929
Given in Memory of Her Father
 William H. Sands by his daughter
 Ethel
In Loving Memory of James Woolson
 Hurlbut
In Memory of Marie Agassiz Felton
 (2 cubicles)

MEMORIAL ROOM

In Loving Memory Mary Pauline DuPont

WARD 2

In Tender Memory of Lois Dorman
 Russell, a Beloved Little Child
Abigail P. Banchor
Boston Section Council of Jewish
 Women
Women of Somerville, 1922
Donated by The Ladies' Dog Club,
 1924
Gift of Dorchester Club Women, 1921
In Loving Memory of Ralph Hudson
 Crocker, 1916
In Memory of Kate Lucy Walsh,
 Benefactress of this Hospital
In Loving Memory of Gail Gorham
 Whitcomb, May 2, 1920
Children of Eliza James Bell Draper
Cora Belle Towle Room,
 K. T. A., E. A., G. A. (Sun Porch)
In Memory of Adelaide Augusta
 Thomas
Clara S. Davis Memorial Bed
In Memory of My Beloved Mother
 Mary O. N. Stoneman

Charles A. Chapman
In Memory of Annie T. Auerbach.
 Born in Philadelphia, Pa., May 3,
 1851. Died in Brookline, Mass.,
 August 1, 1916
Ruth E. Martin
Herbert Billings Rose. Born January
 21, 1912. Died June 26, 1917. Aged
 5 years, 5 months and 5 days
Carlos Wilson Bed
Chestnut Hill, 1923
In Memory of Willard Smith Curtis,
 1920
The Amaranth Literary Circle
Martha Higginson Barbour
Gift of Dorchester Club Women, 1922
Catherine Smith Bed. In memory of
 My Mother
Caleb James Nichols, Maria A.
 Nichols, Eunice B. Nichols, Charles
 Nichols, Benjamin F. Nichols

WARD 4

Brookline Woman's Club	Massachusetts Maine Daughters,
Kent Pettingill	February, 1922
Livingston Wadsworth	Dorothy Quincy Cot
Brookline, 1923	Rachel Tower Tarbell
In Loving Memory of Charles Dalton,	Wellesley Hills Woman's Club Bed, 1921
April 18, 1905-April 2, 1910	Brookline Aid
In Loving Memory of William Gray,	In Memory of Edward Jerome
May 2, 1906, September 22, 1909	Hitchings
Donated by the Swedish Women of	Lotta M. Crabtree Bed
Greater Boston, 1922	In Loving Memory of Dorothy Win-
Catholic Women of Boston	throp, July 17, 1878-July 23, 1907
In Memory of Charlotte Lowell,	Sarah Wyman Whitman-Lily Bed
August 23, 1918-March 5, 1927	In Memory of Mary Devlin, born in
In Memory of	Ireland, 1831, died in Salem, 1894
Bessie Rochester Edwards	In Memory of
Bessie Rochester Edwards	Bessie Porter Edwards
First President Past President Par.ey	Southborough Woman's Club, 1934
	In Memory of Marjorie Forbes

WARD 5, LOWER A

This Ward is named in memory of Elizabeth White, beloved mother of George Robert White, a Public Spirited Citizen of Boston, who died January 27, 1922, and by his will, among other generous bequests for the welfare of the City, gave liberally towards the support of this Hospital.

WARD 5, LOWER B

To the Memory of Stephen Wheatland	Robert Millholland Hanna, Jr.
In Memory of Edward Ellery	In Loving Memory of Agnes Hosmer,
Knowlton	November 17, 1901-August 15, 1914
In Loving Memory of	In Memory of William F. Resor
Herman John Huidekoper	Given in Memory of her mother,
James C. Melvin, Jr.	F. Josephine Sands, by her daughter,
Francis Skinner	Ethel
Harriet M. Billings Memorial Bed	In Memory of John White Hallowell,
Charles Dickens, 1812-1870	1878-1927, Manager of this Hospital,
Albert H. Munsell	1924-1927
Charles Loring Young, President of	Mary E. Moseley
the Children's Hospital, 1896-1901	Hattie Adele Close
Frances Adele Close	Richardson Bed in Memory of
In Memory of Mary Hutchins Taft,	Frederick and Arthur Richardson
from her Son, Charles, September,	
1938	

WARD 5, UPPPER

Julia H. Appleton Memorial Bed	A Free Bed established under the will
Frances Todd Baldwin	of Albert Norton Parlin
Selina Jarvie Fletcher	In Loving Memory of Lothrop
Ellen Maria Pierce	Melcher, in the interest of Neurology
Mary Ellen Putnam,	Sarah Wyman Whitman-Lily Bed
July 21, 1862-May 21, 1866	Margaret Ann Munsell
Sarah Eliza Thacher Cot	In Memory of Anna Goodwin Tuttle
Louise Julia Tucker, In Loving	In Memory of Louise Shearer Butler
Memory, April 25, 1882	In Memory of Jack Marvin
Neurological Bed, 1924, donated	Frank Seaver Billings Memorial Bed
through Mary E. Trainor	Louis Bridgman Memorial Bed
Albert N. Parlin Free Bed	In Very Loving Memory of
A Free Bed established under the will	S. Parker Bremer
of Albert Norton Parlin	

DONATIONS TOWARDS SUBSCRIPTION BEDS AND C. H. CLUB BEDS

A DONATION of \$100 towards a Subscription Bed or a C. H. Club Bed gives for one year to the donor the right to nominate one person at a time to one of such Beds, subject to the rules and regulations of the Hospital.

	<i>Number of Beds</i>
Ames, Mr. and Mrs. Hobart (for use of North Easton District Nursing Association)	1
Boston Doctors' Symphony Orchestra	1
Buzzards Bay C. H. Club	7
Daffodil C. H. Club	2
Donald, Mr. and Mrs. Malcolm	1
Duxbury C. H. Club	1
Hunnewell, James M.	1
Jackson, Mr. and Mrs. James	1
Lewis, Mr. and Mrs. George, Jr. "In memory of M. C. Cunningham" . . .	1
Lothrop, Mr. and Mrs. Francis B., "Cora Belle Towle Bed"	1
Marblehead and Swampscott C. H. Clubs	1
Saltonstall, Mrs. Robert	1
Sewing Circle of 1919	1
Thorp, Miss Alice A.	1
Warren, Mrs. Bayard	1
Mason, Mrs. Charles E.	1
<i>Total Number of Beds</i>	<u>23</u>

CERTIFICATE OF AUDITORS

*To the Officers and Board of Managers
of THE CHILDREN'S HOSPITAL:*

We have made an examination of the financial accounts and records of The Children's Hospital for the year ended December 31, 1941.

We have satisfied ourselves that all recorded cash receipts were deposited in banks and have examined cancelled checks and vouchers in support of the greater part of all disbursements. We have verified the balances of cash on hand by certificates from the bank and by actual count.

We have inspected the securities held in the general and restricted funds and have seen that all transactions during the year pertaining thereto were properly recorded and that all collectible income therefrom was properly accounted for. The securities are generally carried at cost, or in the case of bequests, at market or assigned values at the date of acquisition.

In our opinion, based upon such examination and subject to the qualification that securities are shown at book value which is higher than market value, the accompanying statements of assets and liabilities and of income and expense present fairly the financial condition of the Hospital at December 31, 1941, and the results of its operations for the year then ended, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

(Signed) CHARLES F. RITTENHOUSE & CO.
Certified Public Accountants

Boston, Massachusetts
February 21, 1942

REPORT OF THE MEDICAL SERVICE

THE Medical Service has been without Dr. Blackfan's leadership since April, 1941. The staff has made a devoted effort to preserve the high standards of patient care which he established. This effort has been successful largely because of the excellence of the organization which Dr. Blackfan had developed. It was, however, necessary for several of the senior members of the staff to take on duties and responsibilities in addition to their existing commitments. The chief burden was carried by Dr. Allan Butler with fidelity and success, but at the cost of nearly all of the time he had intended to devote to his endocrine researches. Dr. Butler has recently accepted the position of physician-in-chief of the Pediatric Service of the Massachusetts General Hospital and began his duties there on February 20th. The loss of his services both as clinician and as investigator is severely felt, and has made necessary a redistribution of responsibility for the care of patients and the teaching of students. Dr. Louis K. Diamond, Dr. Clement Smith and Dr. John Davies have responded generously to the challenge to sustain our standards by giving nearly all of their time to these duties. In the effort to cover the situation by co-operative endeavor, the staff has learned a new admiration for the skill with which Dr. Blackfan performed a large and intricate task.

The demand for physicians for the armed forces will inevitably require an extensive reduction of staff. Already Dr. Charles May and Dr. Harry Pratt are serving in the Harvard Unit and Dr. Cannon Eley in the Navy. Four interns and two assistant residents have been called to active service. It is evident that a major problem will be the maintenance of a minimal intern and resident staff. In view of this clearly impending situation your Executive Committee has consented to acceptance of women interns. This departure from tradition does not imply a disadvantage to the intern service. On the contrary, the quality of this service will be better sustained by taking well-trained women physicians than by accepting men applicants whose qualifications are below our established standards.

An incidental outcome of work carried out in the laboratories of the Hospital may be related here. Several years ago, as an approach to a study of asthma, the features of breathing at low atmospheric pressures were observed in a specially constructed chamber. The problems of high altitude flying have made these observations of importance. They were reported by Doctors Butler, Wilson, Smith, and Farber, and requests for reprints of this publication have been received from almost all of the research schools of aviation now being conducted by the Army and the Navy.

Over the past year the output of information from investigations carried on in the laboratories has been extremely gratifying. Dr. May has demonstrated that the form of chronic malnutrition known as coeliac disease which often afflicts infants and young children can be rapidly cured by giving certain fractions of liver. This is a discovery of large importance. Dr. May's plan of study, directed towards identifying the curative substances contained in these fractions, will be carried forward during his absence. Dr. Butler brought to a successful conclusion the development of methods for the detection of ascorbic acid (Vitamin C) deficiencies. His methods have already been accepted as the standard procedures for recognition of this deficiency which is of such prominent

importance in infants and children. Dr. Butler and Dr. Talbot carried considerably further their work on the appraisal of endocrine disturbances by methods of chemistry. Criteria for the diagnosis of adrenal hyperplasia have been better defined and a treatment, which looks very promising, has been found for this hitherto incurable condition. The standards for the normal endocrine function of children from birth through adolescence have been further established and provide more accurate means for detecting early abnormalities in development. The use of synthetic hormones, which are now at hand, in modifying and controlling endocrine function, was a part of these studies and provided much information of clinical value. Dr. Harry Shwachman has carried forward the work on intestinal enzymes which was begun by Dr. Charlotte Maddox. His methods are being applied in collaboration with Dr. Sidney Farber to the study of pancreatic fibrosis. Dr. John Davies carried on the production of Type B anti-influenza rabbit serum and supervised its clinical application to the treatment of influenzal meningitis. He also studied the concentrations of the four different sulfonamides in blood plasma, red cells, and particularly in the white blood cells, in search of information regarding the relative therapeutic effectiveness of these drugs. On the wards his surveillance of the use of these new agents has been invaluable. He has repaired the disruption of the routine bacteriological laboratory caused by Miss Sweet's retirement and the departure of the internes to army service, by training a new technician personnel.

Every service in the hospital takes care of some children with disorders of the nervous system. For instance infantile paralysis is treated in its active phase in the medical wards but prolonged after care is properly put under the orthopedic service. Many children need surgical or otological treatment. The segregation of all children with disorders of the nervous system in one ward is, therefore, not only unwise but also administratively impossible. However, it is necessary to provide special facilities if the educational implications of disease are to be effectively studied. For the past twelve years psychological aspects of pediatrics have been a major interest. Dr. Elizabeth Lord with a small but efficient staff has co-operated with the medical group in dealing with mental difficulties which arise when orderly growth and development have been impaired or interrupted by disease. The number of cases cared for in the special unit during the year was 229. The unit has been partly supported during the past year by grants from the Commonwealth Fund and by the Earhart Fund. The hospital has itself taken responsibility for the maintenance of the social service worker and for psychological service in the Out-Patient Department. The Neurological Service under the direction of Dr. Bronson Crothers thus continues to produce new and important information.

The Isolation Unit opened December 1, 1940 and closed May 15, 1941. One hundred twenty-seven patients were admitted during this period. Of this group there were 75 admissions and 52 transfers from our wards. There were 15 private patients, 10 operations and 2 deaths. Twenty-five patients were transferred from the Isolation Unit back to their respective wards in the Hospital. The total census showed an increase of 25 patients over a corresponding period of time for the previous year. Since Dr. Cannon Eley's departure, the Isolation Unit and the arduous task of guarding against contagious disease in the wards of the hospital has been taken over by Dr. John Davies.

The Medical Out-Patient Department has always found its greatest problem that of continuing to provide useful diagnostic and therapeutic service to a

group of children so great as to strain its staff facilities. The demands of the national emergency have caused a considerable decrease in the number of regularly attending physicians. To meet this situation a reorganization of the schedule for internes was made so that they could come to the clinic for a few hours on alternate mornings and work with the out-patients. This has been a highly successful arrangement in that it has provided an important type of training for these young physicians and has increased the number of patients for whom appointments are possible to a point even above that of last year.

The clinic has been greatly strengthened by the assistance of Dr. Gertrud Wyatt as a consultant and teacher for children with difficulties of speech. The addition to the staff of Mrs. Penfield Roberts provides the valuable service of psychological testing for the many children who present questions of disturbed mental development. The lack of the electro-encephalogram, which was available last year, is a considerable disadvantage in appraisal of numerous children whose problems center about convulsive disorders. Restoration of this important diagnostic service is highly desirable.

Two "good neighbors," Dr. Gustave Cardelle and Dr. Julio Meneghello, from Cuba and Chile, who hold visiting fellowships provided by the American Academy of Pediatrics, have given the clinic their services during a part of the past year.

The various special clinics continue to provide to out-patients the advantage of systematic surveillance. The Eczema Clinic under Dr. L. W. Hill's direction cares for about half the patients with eczema admitted to the Out-Patient Department. Patients are limited to 20 each clinic day. It is also used extensively as a consultation clinic. Although most of the children seen in this clinic are allergic, it is not primarily an allergy clinic, but is for the care and study of eczematoid dermatitis from whatever cause. It has been of great advantage to have been able to keep this clinic relatively small as it is possible in this way to study the patients more completely than if all the patients with eczema coming to the Out-Patient Department were admitted to the clinic. In the past 10 years 15 papers have been published from the clinic, on various aspects of eczema.

About three years ago Dr. Nathan Talbot organized an Endocrine Clinic as part of a plan to provide special study of patients suffering from disorders of the glands of internal secretion. This clinic now has on its roster about 100 children who exhibit evidence of malfunction of the pituitary, thyroid, adrenal or sex glands. In the laboratory of the Hospital certain new and simplified methods for diagnosis have been worked out by Dr. Talbot and applied to these patients. New types of therapy for dwarfed children and for patients with adrenal disease have been investigated with promising results. Dr. A. M. Hill directs the Syphilis Clinic. It may be noted, as gratifying evidence of the decline of this disease, that no new patients presented for admission during the past year.

The year 1941 has seen a significant development in the care of children with rheumatic fever and rheumatic heart disease. Nearly four years ago at the suggestion of Dr. Blackfan, rheumatic children from the medical wards or Rheumatic Fever Clinic were placed in an open-air pavilion at the Sharon Sanatorium. This was done with the hope that such management would reduce the incidence of upper respiratory infections and hence the recurrences of rheumatic fever which are so dangerous during the period of convalescence. There was freedom

from respiratory infection and rheumatic fever to such an impressive degree that during 1941 the Directors of the Sharon Sanatorium rebuilt and equipped the whole sanatorium for the care of rheumatic children. Although the Children's Hospital had no official administrative connection with this development, Dr. Blackfan was its most enthusiastic sponsor; the patients were sent from the Children's Hospital; they were supervised by doctors from the Children's Hospital and after their discharge were followed by the Rheumatic Fever Clinic. The open-air sanatorium type of care for the rheumatic child appears to hold so much promise that it is now considered important to undertake an intensive clinical and laboratory investigation of this experiment as it progresses further. Therefore during 1942 several studies are planned in order to establish its true value. The Children's Hospital is largely responsible for this aspect of the work. This very successful liason with the Sharon Sanatorium was carried through and continues to be guided by Dr. John P. Hubbard from his position in command of the Rheumatic Fever Clinic. This clinic has continued to serve in its two-fold function of diagnosis and management of the rheumatic child. The consistency of care afforded by a constant personnel is not only of benefit to the patient but also gives junior members of the staff a chance to become familiar with the disease through its convalescent stages.

Under the direction of Dr. Harold C. Stuart, the Hospital has continued to co-operate with the Department of Health of the City of Boston by providing space and facilities in the Out-Patient Department for a district infant and pre-school child health conference every Monday afternoon. In connection with this educational and preventive service provided by the City for the well children of the community under school age, the Department of Child Hygiene of the Harvard School of Public Health has conducted a teaching or demonstration health conference. This has been open to the house staff of the Hospital, and regularly attended by the third year medical students while on duty at the Hospital. Through this activity, an interest in the preventive aspects of pediatric practice has been stimulated, and an opportunity has been afforded students of medicine, public health and nursing to become more familiar with the characteristics of the healthy infant and the features of normal growth and development which deserve recognition. The physicians carrying on the routine work in this health conference are members of the Hospital staff, chosen by the University but working in this capacity for the City of Boston.

The Medical Division has carried on its many and diverse undertakings over the past year with a degree of success which in view of adverse circumstances may be regarded as gratifying. The custom of acknowledging in this report the understanding co-operation of the Director of the Hospital and the loyal support of the Nursing Staff and of the Social Service Department is this year more than ever a suitable one.

JAMES L. GAMBLE, M.D.

MEDICAL DISEASES TREATED IN THE OUT-PATIENT DEPARTMENT

1941

Diseases of the Newborn

Icterus gravis neonatorum.	1
Pemphigus neonatorum.	1
Prematurity.	16
Umbilical protrusion.	1

19

Diseases of Nutrition

Acidosis.	3
Aerophagia.	4
Anorexia.	20
Celiac disease.	4
Celiac syndrome.	7
Dehydration.	5
Food capriciousness.	19
Improper feeding.	299
Ketosis.	3
Malnutrition.	111
Nutritional disturbance, acute and chronic.	61
Pancreatic fibrosis.	1
Rickets.	52
Scurvy.	25
Tetany.	5
Vomiting, non-specific.	33

652

Diseases of the Respiratory System

Anomaly of respiratory tract, congenital.	1
Deviated septum.	8
Epistaxis.	21
Foreign body in nose.	3
Furuncle, nose.	2
Hay fever.	29
Nasal obstruction.	4
Nasal polyp.	2
Sinusitis.	74
Asthma, bronchial.	181
Bronchial obstruction.	1
Bronchiectasis.	4
Tracheo-bronchitis.	15
Croup.	4
Laryngeal stridor, congenital.	17
Laryngitis.	11
Atelectasis.	4
Pleurisy with effusion.	1

Diseases of the Respiratory System—(Continued)

Pneumonia	33
Pulmonary pathology with effusion	1
Upper respiratory infection	707

1,252

Diseases of the Alimentary System

Abscess, alveolar	4
Caries, teeth	80
Dental attrition	1
Difficult dentition	5
Gingivitis	4
Malocclusion of teeth	3
Pyorrhea	1
Cleft palate	3
Dilated vessels, palatine	1
Geographical tongue	1
Glossitis	1
Plaques of tongue	1
Tongue tie	6
Micrognathia	2
Stomatitis	51
Thrush	15
Trench mouth	1
Vincent's angina	3
Abscess, peritonsillar	1
Adenoiditis	15
Adenoids, hypertrophied	34
Tonsillar tabs	1
Tonsillitis	203
Tonsils, hypertrophied	53
Tonsils, infected	17
Tonsils and adenoids, hypertrophied	188
Tonsils and adenoids, infected	5
Pharyngitis	124
Nasopharyngitis	81
Pylorospasm	5
Pyloric stenosis, congenital	1
Abdominal pain, cause undetermined	28
Enteritis	18
Indigestion, intestinal	10
Intestinal parasites	50
Intestinal stasis	1
Mobile cecum	1
Colic	3
Colitis	2
Spastic colon	1
Constipation	73
Diarrhea, non-specific	59
Fecal impaction	4
Fecal incontinence	3

Diseases of the Alimentary System—(Continued)

Megacolon	1
Biliary obstruction, congenital	1
Cirrhosis of liver	1
Hepatitis	1
Hepatomegaly	2
Hepato-splenomegaly	1
Jaundice, catarrhal	10
Diastasis recti	2
Hernia, abdominal	1
Hernia, inguinal	12
Hernia, umbilical	33
Anal polyp	1
Fissure in ano	5
Fissure, rectal	1
Fistula, recto-perineal	1
Spasm of sphincter	1
Tight anal sphincter	1

1,249

Diseases of the Genito- Urinary System

Aberrant renal vessel	1
Hydronephrosis	5
Hypoplasia of kidney	1
Nephritis	11
Nephrosis	1
Pyelonephritis	69
Double ureter	1
Hydro-ureter	1
Uretero-pelvic obstruction	1
Albuminuria, cause undetermined	16
Albuminuria, orthostatic	34
Anuria	1
Bacilluria	2
Dysuria	1
Enuresis	94
Hematuria	3
Pyuria	10
Balanitis	5
Hydrocele	10
Hypoplasia, genital	1
Hypospadias	4
Infection, prepuce	1
Phimosis	51
Preputial adhesions	7
Redundant foreskin	4
Torsion of penis	1
Undescended testicle	16
Adherent labia	1
Leukorrhea	1

Diseases of the Genito-Urinary System—(Continued)

Vaginal defect.....	1
Vaginitis.....	43
Vulvitis.....	4

402

Diseases of the Circulatory System

Congenital heart disease.....	62
Endocarditis.....	1
Functional heart murmur.....	17
Hypertension.....	4
Hypertrophy of heart.....	1
Mitral regurgitation.....	1
Rheumatic heart disease.....	16
Tachycardia.....	1

103

Diseases of the Bone and Blood Forming

Organs and Lymphatic System

Anemia, erythroblastic.....	1
Anemia, hypochromic.....	21
Anemia, iron deficiency.....	27
Anemia, microcytic.....	5
Anemia, secondary.....	82
Anemia, unclassified.....	35
Blood dyscrasia.....	3
Erythroblastosis, fetalis.....	2
Hemophilia.....	2
Leukemia.....	2
Purpura.....	6
Splenomegaly.....	7
Lymphadenitis, unclassified.....	125

318

Diseases of the Ductless Glands

Cretinism.....	6
Diabetes mellitus.....	4
Hyperthyroidism.....	2
Lipodystrophy.....	1
Obesity.....	70
Sex precocity.....	1

84

Diseases of the Nervous System

Amyotonia congenita.....	2
Behavior problem.....	184
Birth injury.....	22
Cerebral deficiency.....	86
Cerebral hemorrhage.....	1
Cerebral injury.....	2

Diseases of the Nervous System—(Continued)

Chorea.	13
Convulsions, cause undetermined.	43
Defective speech.	43
Delayed speech.	4
Dystrophy, pseudohypertrophic muscular.	2
Encephalitis.	4
Encephalopathy.	7
Epilepsy.	41
Feeble-mindedness.	27
Habit spasm.	34
Hydrocephalus.	4
Insomnia.	1
Intracranial damage.	2
Intracranial hemorrhage.	6
Meningismus.	1
Meningitis.	1
Meningocele.	1
Microcephalus.	16
Migraine.	6
Headache.	6
Mongolism.	31
Neurosis.	4
Nervous child.	2
Night terrors.	5
Palsy, cerebral.	16
Palsy, Erb's.	3
Paralysis, facial.	7
Paralysis, spastic.	16
Poliomyelitis, old.	4
Retarded development.	11
Scaphocephaly.	1
Somnambulism.	1
Spasmus nutans.	1
Spinal cord injury.	1
Syncope.	3
Tetraplegia.	1
Tumor, brain.	2
Vertigo.	2

670

Specific Infectious Diseases

Chicken pox.	24
Diphtheritic stomatitis.	1
Dysentery.	6
Measles.	16
Measles, German.	2
Mononucleosis, infectious.	3
Mumps.	31
Pertussis.	92

Specific Infectious Diseases—(Continued)

Poliomyelitis, acute	1
Rheumatic fever	24
Roseola infantum	9
Scarlet fever	7
Streptococcus sore throat	1
Syphilis	4

221

Tuberculosis

Tuberculosis, hilum	2
Tuberculosis, pulmonary	14
Tuberculin reactor	45

61

Diseases of the Musculo-Skeletal System

Abnormalities, cranial bones, congenital	1
Abnormalities, multiple, congenital	2
Arthritis	2
Bowlegs	8
Chondrodystrophy	1
Club feet	3
Dislocation of hip, congenital	4
Dwarfism	2
Exostosis, astragalus	1
Flat feet	8
Fracture, clavicle	1
Fracture, femur	1
Fracture, humerus	1
Fracture, metacarpal	1
Fracture, skull	1
Funnel chest	2
Ganglion, wrist	1
Hammer toe	1
Kohler's disease	1
Knock knees	9
Lordosis	3
Myositis	2
Osgood-Schlatter's Disease	1
Pectus excavatum	3
Poor posture	16
Pronated feet	52
Scoliosis	8
Spina bifida	2
Sprain	1
Sprengel's deformity	1
Strain	1
Syndactylism	1
Synovitis	2
Torticollis, acquired	2

Diseases of the Musculo-Skeletal System—(Continued)

Torticollis, congenital.	1
Toxic hip.	1
Valgus feet.	3

151

Diseases of the Skin

Abscess, head.	3
Abscess, upper extremity.	1
Acne.	2
Alopecia.	1
Burn.	7
Cellulitis.	2
Chilblains.	1
Cicatrix.	1
Dandruff.	1
Dermatographia.	2
Dermatitis.	181
Eczema.	426
Epidermophytosis.	38
Erysipelas.	2
Erysipeloid.	1
Erythema.	5
Erythrodermia.	1
Folliculitis.	2
Fungus infection.	7
Furunculosis.	32
Herpes.	11
Hydroa aestivale.	1
Hyperhidrosis.	1
Ichthyosis.	4
Impetigo.	164
Insect bite.	36
Intertrigo.	8
Lymphangiectasis.	1
Miliaria.	21
Molluscum contagiosum.	1
Paronychia.	5
Pediculosis capitis.	5
Pemphigus.	1
Pityriasis rosea.	13
Poison ivy.	8
Pompholyx.	1
Prurigo.	1
Psoriasis.	1
Pyodermia.	3
Ringworm.	25
Scabies.	29
Scleroderma.	1
Seborrhea.	20
Sunburn.	1

Diseases of the Skin—(Continued)

Telangiectasis.....	1
Trichophytosis.....	1
Trichotillomania.....	1
Vitiligo.....	2
Xanthomatosis.....	1
	<hr/> 1,084

Diseases of the Eye

Astigmatism.....	1
Blepharitis.....	7
Blindness.....	1
Cataracts, congenital.....	2
Chalazion.....	1
Coloboma, congenital.....	1
Conjunctivitis.....	17
Dacrocystitis.....	2
Defect of eye, congenital.....	1
Edema, peri-orbital.....	1
Enophthalmos.....	1
Eye strain.....	2
Foreign body, eye.....	1
Hemorrhage, sclera.....	1
Hordeolum.....	8
Hypermetropia.....	1
Impaired vision.....	5
Internal squint.....	1
Nystagmus, congenital.....	3
Obliteration of tear duct, congenital.....	1
Occlusion, naso-lacimal duct.....	1
Ptoxis.....	1
Refractive error of eyes.....	5
Retinitis.....	1
Stenosis, lacrimal duct.....	2
Strabismus.....	20
	<hr/> 88

Diseases of the Ear

Cerumen.....	6
Deaf mute.....	1
Deafness.....	6
Foreign body, ear.....	1
Furuncle, ear.....	3
Lop ears.....	1
Mastoiditis.....	2
Myringitis.....	1
Otitis externa.....	1
Otitis media.....	316
	<hr/> 338

Tumors

Adenoma.....	2
Cyst.....	3
Cyst, dermoid.....	1
Cyst, retention.....	1
Cyst, thyroglossal.....	2
Epulis.....	1
Fistula, thyroglossal.....	2
Hemangioma.....	19
Neurofibromatosis.....	1
Nevus.....	9
Papilloma.....	2
Polyp, umbilicus.....	1
Tumor, neck and face.....	1
Warts.....	11

56

Unclassified

Abrasion.....	3
Allergy.....	1
Asphyxia.....	1
Branchial cleft.....	1
Concussion.....	1
Contusion.....	1
Edema, angioneurotic.....	5
Foreign body.....	1
Glycosuria.....	4
Hematoma.....	3
Hypoglycemia.....	2
Ingestion, creosote.....	1
Ingestion, iodine.....	1
Ingestion, Lysol.....	1
Ingestion, Sloan's liniment.....	1
Ingestion, thyroid.....	2
Intention tremor of hands.....	1
Intoxication.....	1
Laceration.....	2
Laurence Biedle Moon Syndrome.....	1
Masturbation.....	6
Pellagra.....	1
Pilonidal sinus.....	1
Poisoning, carbon monoxide.....	1
Poisoning, ergotamine tartrate.....	1
Poisoning, lead.....	7
Poisoning, santonin.....	1
Puberty.....	7
Serum sickness.....	1
Stridor, congenital.....	1
Trauma to head.....	1
Urticaria.....	58
Vaccination.....	4

125

Unclassified—(Continued)

Dead.	4	
Deferred.	105	
Left clinic before seeing doctor.	15	
No disease.	471	
	<hr/>	595
New cases.	4,332	
Old cases.	19,408	
Transfers.	635	
	<hr/>	
Total.		24,375

MEDICAL DISEASES TREATED IN THE WARDS

1941

<i>Diseases of the Newborn</i>	<i>New</i>	<i>Old</i>
Anemia of prematurity.	1	
Asphyxia neonatorum.	1	
Regulation of feeding.	2	
Erythroblastosis fetalis.	2	
	<hr/>	
	6	
 <i>Diseases of Nutrition</i>		
Celiac disease.	15	25
Gastro-enteritis.	10	
Idiopathic pancreatic fibrosis.	2	1
Nutritional disturbance, acute and chronic.	70	6
Rickets.	4	3
Scurvy.	3	
	<hr/>	<hr/>
	104	35
 <i>Diseases of the Respiratory System</i>		
Abscess of lung.	1	
Asthma.	22	18
Atelectasis, pulmonary.	10	3
Bronchiectasis.	4	
Bronchitis, acute.	21	
Empyema.	11	
Foreign body in bronchus.	3	
Laryngitis.	8	
Laryngo-tracheitis.	7	
Neuroblastoma of lung.	1	
Peritonsillar abscess.	1	
Pharyngitis.	75	2
Pneumonia.	123	8
Pneumonia, post-pertussis, chronic, with cor pulmonale.	1	
Retropharyngeal abscess.	2	

Diseases of the Respiratory System—(Continued)

Sinusitis.	27	2
Tonsillitis.	92	2
Miscellaneous.	4	
	<hr/> 413	<hr/> 35

Diseases of the Alimentary System

Abdominal pain, cause undetermined.	23	2
Abdominal tumor, probable.	2	
Appendicitis.	20	
Atresia of rectum.	1	
Cirrhosis of liver.		1
Colitis.	3	2
Esophageal anomaly.	1	
Foreign body in esophagus.	2	
Hepatitis.	3	
Hepatomegaly, cause undetermined.	1	
Hernia, inguinal.	2	1
Hernia, umbilical.	3	
Intussusception.	2	
Megacolon, secondary.	1	
Peritonitis.	4	
Pyloric stenosis.	4	
Pylorospasm.	2	
Stomatitis.	6	
Stricture of rectum, congenital.		1
Ulcer, duodenal.	1	
Ulcer, gastric.	1	1
Yellow atrophy of liver.	1	
Miscellaneous.	30	2
	<hr/> 113	<hr/> 10

Diseases of the Genito- Urinary Tract

Abscess, perinephric.	1	
Albuminuria, cause undetermined.	5	
Congenital malformations of urinary tract.	5	4
Glomerulonephritis.	32	11
Hematuria, cause undetermined.	8	4
Hydronephrosis.	5	1
Hydroureter.	1	1
Nephrosis.	9	4
Nephrotic syndrome.	2	2
Pyelonephritis.	44	17
Renal calcinosis.	1	
Renal disease, undetermined etiology.		1
Miscellaneous.	16	1
	<hr/> 129	<hr/> 46

Diseases of the Circulatory System

Congenital heart disease.	19	5
Hypertension, etiology undetermined.	2	1
Idiopathic cardiac hypertrophy.	1	1
Myocarditis, toxic.	2	
Patent ductus arteriosus.	4	
Peri-arteritis nodosa.	1	
Rheumatic heart disease.	12	1
	41	8

Diseases of the Blood and Blood-Forming

Organs and Lymphatic System

Anemia, cause undetermined.	1	2
Anemia, congenital.	1	
Anemia, due to blood loss.	2	1
Anemia, due to iron deficiency.	4	
Anemia, erythroblastic.		4
Anemia, hemolytic.	1	
Anemia, macrocytic.	1	
Anemia, secondary.	2	
Anemia, sickle cell.	1	
Hemophilia.	4	11
Hodgkin's disease.	2	2
Leukemia.	10	2
Lymphadenitis, unclassified.	98	2
Lymphadenoma.	1	
Pancytopenia.	1	1
Polycythemia, compensatory.	1	
Thrombocytopenic purpura.	5	
Undiagnosed disease with lymphadenopathy.	1	
	136	25

Diseases of the Ductless Glands

Addison's disease.	1	
Adreno-genital syndrome.	1	
Atrophy of thyroid gland.	1	
Benign hypertrophy of thyroid.	1	
Diabetes mellitus.	14	12
Diabetic acidosis.	4	2
Dwarfism.		1
Goitre, toxic.	2	
Hyper-parathyroidism.	1	
Hyperplasia, adrenal.	1	
Hypertrophy of adrenal cortex.	1	
Hypothyroidism.	4	
Hypophyseal dwarfism.	4	
Infantile dwarfism.	1	
Insufficiency, adrenal.	1	2
Myxedema.	2	
Panhypopituitarism.	1	

Diseases of the Ductless Glands—(Continued)

Precocious puberty.....	1
Retarded growth.....	1
Virilism, due to hyper-adrenalism.....	1

43 17

Diseases of the Nervous System

Abscess of brain.....	1	
Amaurotic family idiocy.....	2	
Athetosis.....	1	1
Behavior problem.....	18	1
Birth injury of brain.....	10	4
Brain tumor.....	1	
Brain tumor suspect.....	2	1
Chorea.....	11	
Concussion, cerebral.....	3	
Congenital anomaly of brain.....	7	1
Convulsions.....	47	4
Convulsive disorders, unclassified.....	12	4
Craniopharyngioma.....	1	
Deficiency, cerebral.....	3	
Deficiency, mental.....	78	12
Encephalitis.....	16	1
Encephalomyelitis.....	1	1
Encephalopathy.....	60	13
Epilepsy, idiopathic.....	37	3
Fibrosarcoma of spinal cord.....	1	
Friedreich's ataxia.....	1	1
Hematoma, subdural.....	4	1
Hydrocephalus.....	7	2
Idiopathic focal motor cortical seizures.....	5	1
Meningismus.....	6	
Meningitis, aseptic lymphocytic.....	1	
Meningitis, influenzal.....	7	
Meningitis, meningococcus.....	2	
Meningitis, mumps.....	2	
Meningitis, pneumococcus.....	3	1
Meningitis, streptococcus.....	2	
Meningitis, toxoplasmic.....	1	
Microcephaly.....	2	
Myelopathy.....	2	
Myeloradiculitis.....	2	
Palsy, brachial (obstetrical).....	3	1
Paralysis, spastic.....	31	14
Poliomyelitis.....	25	2
Psychoneurosis.....	10	
Thrombosis, cerebral.....	2	
Trigeminal neuralgia.....	1	1
Tuberous sclerosis.....	1	1
Miscellaneous.....	7	1

439 72

Specific Infectious Diseases

Bacillary dysentery	3	
Bacteremia	3	
Cellulitis	6	
Common cold	161	5
Diphtheria	2	1
Exanthem subitum	2	
Erysipelas	3	
Furunculosis	2	
Infectious mononucleosis	2	
Influenza	1	
Measles	15	
Mumps	3	
Perleche	1	
Pertussis	26	
Rheumatic fever	36	4
Rheumatic fever suspect	2	
Scarlet fever	25	2
Septic sore throat	1	
Septicemia	6	
Syphilis	2	1
Tetanus	3	
Typhoid fever	4	
Varicella	6	1
	<hr/>	<hr/>
	315	14

Tuberculosis

Abscess, psoas	1	
Calcification of tracheo-bronchial lymphnodes	1	
Tabes mesenterica	2	
Tuberculin reactor	7	1
Tuberculosis contact	1	
Tuberculosis	12	1
Tuberculosis, cervical lymphnodes	2	
Tuberculosis, spine	1	
Tuberculous meningitis	1	
Tuberculous pachymeningitis	1	
Tuberculous pleurisy with effusion	2	
Tuberculous pneumonia	2	
	<hr/>	<hr/>
	33	2

Diseases of the Musculo-Skeletal System

Absence of anterior abdominal muscles	1	
Absence of bones	1	
Anomaly of vertebra	1	
Arthritis	7	3
Arthrogryposis	1	
Bone changes of scurvy	1	
Deformities of extremities due to obesity	1	

Diseases of the Musculo-Skeletal System—(Continued)

Dysostosis multiplex.	1	1
Flexion deformity of hip and knee.	1	
Fracture, Colle's.	1	
Fracture, femur.	1	
Fracture, frontal bone.	1	
Fracture, humerus.	2	
Fracture, parietal bone.	2	
Fracture, skull.	0	
Fracture, tibia and fibula.	1	
Funnel chest.	1	
Hemarthrosis.	2	
Osteochondrosis.	1	
Osteomyelitis.	7	
Septic hip.	1	
Wringer arm.	1	
Miscellaneous.	2	
	38	4

Diseases of the Skin

Abscesses.	5	
Alopecia aerata.	1	
Burns.	1	
Contusions.	6	
Dermatitis.	13	
Eczema.	22	
Erythema.	7	
Erythrodermia.	1	
Hemangioma.	3	
Impetigo.	11	1
Infected dog bite.	1	
Lacerations.	5	
Lipocondrodystrophy.	1	
Lymphangioma.	1	
Molloscum contagiosa.	1	
Moniliasis.	1	
Paronychia.	1	
Poison ivy.	2	
Telangiectasis.	1	
Urticaria.	2	
	86	1

Diseases of the Eye

Alternating estropia.	1
Anisocoria.	1
Atrophy, optic.	1
Cataract.	2
Coloboma, retina.	1

Diseases of the Eye—(Continued)

Conjunctivitis.	5	
Herpes simplex of lid.	1	
Heterotropia.	1	
Hyphymia.	1	
Inflammation of meibomian cyst.	1	
Multiple styes.	1	
Nystagmus.	3	
Ocular hypertelorism.	1	
Pappilledema.	1	
Paralysis, abducens.	3	
Retinitis nephritica.	1	
Vascularized membranes of lenses.	1	
	26	0

Diseases of the Ear

Deafness.	1	
Mastoiditis.	25	8
Myringitis.	1	
Otitis media.	190	18
Polypi, aural canal.	1	
	218	26

Unclassified

Carotinemia.	1	
Coma.	1	
Deferred.	41	
Disease undiagnosed.	7	
Edema, angio-neurotic.	1	
Exposure.	23	5
Gaucher's disease.	2	
Hans-Schuller-Christian's syndrome.	1	
Hay fever.	2	
Hemorrhages.	4	1
Hyperkinesis.	1	
Hypoglycemia, cause undetermined.	1	
Infections.	1	
Intestinal parasites.	3	
Jaundice.	3	
Laurence-Moon-Biedl syndrome.	1	
Melena.	2	
Multiple congenital anomalies.	1	
No disease.	20	1
Obesity.	8	1
Overwhelming sepsis.	1	1
Poisoning, drug.	13	
Poisoning, lead.	1	
Pyrexia of unknown origin.	7	

Unclassified—(Continued)

Reaction, drug	4	
Vaccinia	2	
	<hr/>	<hr/>
	152	9
Number of cases treated on Medical Ward	1,041	
Number of cases treated on Private Ward	783	
	<hr/>	
Total		1,824
New diagnosis	2,292	
Secondary diagnosis	304	
	<hr/>	
Total		2,596

REPORT OF THE DEPARTMENT OF ORTHOPEDIC SURGERY

THE Department of Orthopedic Surgery has been very active during the past year.

The Selective Service Act and the declaration of war have not disrupted the Staff service seriously this year. We lost one interne who was called up at the beginning of his last four months of duty.

The year 1942 will present many new problems because our Visiting Staff will be depleted and it will be increasingly difficult to secure internes because the War Department allows for one year of internship after graduation from medical school. Our internes are selected from those who have had a previous internship of two years. Our plans for 1942 may have to be altered unless we can have some special arrangement with the Surgeon General's Office. The Army needs men who have had special training in orthopedic surgery, but if the Service is cut off, there will be no orthopedic surgeons for the Army.

The country must come first, however, so it must be our aim to help when and where we can.

The Harvard Medical School has changed its course from four years to three years which means that there will be medical students at the hospital the year around until the present emergency is over, thus adding a large burden to the hospital and to the teaching staff.

Pathology:

Dr. Nathan Rudo resigned at the end of his year because of being drafted, and was succeeded by Dr. Ruell Sloane. Dr. Rudo was of great assistance in teaching bone pathology to our internes. His work in neurofibromatosis of bone was noteworthy as well as his part in developing a method of visualizing the blood supply of the head of the femur.

Dr. William T. Green has developed the Infantile Paralysis Clinic adding a section for the purpose of making the lives of those badly crippled from this disease more practical and more independent. Dr. Charles Sturdevant succeeded Dr. Leo McDermott as Dr. Green's assistant. Dr. Sturdevant was also given an appointment on the Staff as Junior Visiting Surgeon.

Chief Resident:

Dr. Eugene Record was appointed chief resident, September first, 1941, to succeed Dr. Sturdevant.

The Department received a gift of \$5000 this year to be used for research.

The Department of Physical Therapy in conjunction with the Harvard Medical School and the Sargent School of Physical Education of Boston University is training physical therapy technicians for the War Department. These are intensive six months' courses and follow the requirements of The Council on Medical Education of the American Medical Association.

My heartfelt thanks are given to my own associates, House Staff, nurses, director, and to all the other Departments of the Hospital for their kindly co-operation.

I also wish to express my appreciation to the Board of Managers for its sympathetic attitude in helping to meet our problems.

FRANK R. OBER, M.D.

ORTHOPEDIC OUT-PATIENT DEPARTMENT REPORT

1941

Congenital Deformities

Torticollis	54
Anomalies of spine	17
Deformities of shoulder girdle and upper extremities	5
Congenital dislocation of hip	19
Club feet	41
Other deformities of lower extremities	51
Miscellaneous	11

198

Deformities of Unspecified Etiology

Pronated feet	626
Other deformities of the feet	31
Knock knees	113
Bow legs	65
Deformities due to contractures	31
Abnormalities due to muscular or ligamentous relaxation	5
Other miscellaneous deformities	15

886

Infectious and Inflammatory Diseases

Osteomyelitis	4
Epiphysitis	6
Periostitis	1
Cellulitis, abscess, etc.	3
Tenosynovitis	14
Bursitis	3
Arthritis, infectious or rheumatoid	6
Synovitis, etiology unspecified	14

51

Traumatic Conditions

Fractures and dislocations	102
Sprains and strains	71
Contusions, lacerations, etc.	18
Post-traumatic deformities	6

197

Metabolic and Deficiency Diseases

Rickets (with and without deformity)	38
Scurvy	3
Obesity	4

45

Neurogenic Disorders

Cerebral palsies (including mental retardation)	31
Brachial palsies	8
Anterior poliomyelitis, acute and chronic	8
Unspecified	2

49

ORTHOPEDIC DEPARTMENT

53

<i>Tumors</i>		
Osteochondroma and exostosis	3	
Lipoma	1	
Hemangioma	2	
		6
<i>Miscellaneous Orthopedic Conditions</i>		
Pseudohypertrophic muscular dystrophy	3	
Dyschondroplasia	1	
Osteochondritis dissecans	3	
Osgood-Schlatter's disease	3	
Koehler's disease	4	
Coxa plana (Legg-Perthes disease)	7	
Coxa vara	3	
Popliteal cysts and other ganglia	13	
Miscellaneous conditions	2	
		39
<i>Non-orthopedic Conditions</i>		28
No disease found	59	
Diagnosis deferred	20	
Patient not seen by doctor	12	
		119
New cases	1,010	
Old cases	10,391	
Transfers	440	
<i>Total</i>		11,841

ORTHOPEDIC DISEASES TREATED IN THE WARDS

1941

Congenital Malformations

<i>Head and neck</i>		
Congenital torticollis	21	5
Klippel-Fiel syndrome	1	1
Other deformities	2	1
<i>Upper extremities and scapulae</i>		
Sprengel's deformity	4	3
Others	1	3
<i>Spine and thorax</i>		
Congenital scoliosis		2
Spina bifida with and without meningocele	10	12
Others	5	1
Congenital dislocation of hip	31	15
Deformed feet (all forms)	51	49
Other congenital deformities of lower extremities and pelvis	11	5
Multiple congenital anomalies	3	4
Arthrogryposis	5	4
	145	105

Generalized Disturbance of Bone Growth

Dyschondroplasia	2	
Osteogenesis imperfecta	3	
Rickets	13	4
	<hr/>	<hr/>
	18	4

Inflammatory or Infectious Diseases

Osteomyelitis, acute and chronic		
Femur	7	4
Humerus	3	
Others	11	5
Sclerosing osteitis and osteoid osteoma	1	1
Arthritis		
Suppurative	7	
Rheumatoid	10	
Non-specific, including "toxic" synovitis	19	3
Bursitis	3	
Cellulitis, abscess, or ulceration	6	
Dermatomyositis		3
Tuberculosis of bone	2	6
Anterior poliomyelitis		
Acute and convalescent	19	5
Post-poliomyelitic deformities		
Paralysis unspecified	15	11
Short leg	27	11
Scoliosis	7	2
Deformities of feet and legs	3	20
	<hr/>	<hr/>
	140	11

Other Neurogenic Disorders

Cerebral palsy	36	12
Anomalies and diseases of cord	8	1
Brachial palsy	3	3
Paralytic dislocations and deformities	4	5
	<hr/>	<hr/>
	51	21

Traumatic Conditions

Fractures		
Femur	14	1
Humerus	8	5
Forearm (one or both bones)	7	
Others	7	
Dislocations	1	1
Soft tissue injury	7	
Acute torticollis	7	
	<hr/>	<hr/>
	51	7

Tumors

Lipoma	1	1
Lymphangioma		1
Osteochondroma	2	
Bone cyst	1	1
Giant cell	2	1
Neurofibromatosis	1	
Miscellaneous		
Eosinophilic granuloma	2	1
Osteochondritis dissecans	1	
	10	5

Miscellaneous Diseases

Coxa plana	1	
Slipped femoral epiphysis	2	1
Popliteal ganglion	7	
Dislocation of cervical spine (varied etiology)	5	2
Scoliosis (other than congenital and post-polio)	7	
Unclassified	7	6
	29	9

Non-orthopedic diseases	36	10
Number of cases on Orthopedic Ward	405	
Number of cases treated on Private Ward	73	

Total 478

New cases	460
Secondary diagnosis	232

Total 692

ORTHOPEDIC OPERATING ROOM REPORT

1941

Procedures for Correction of Deformities Whether Congenital, Neurogenic, or Metabolic

Arthrodesis of tarsal joints

Triple arthrodesis	25
Triple arthrodesis with muscle transplant	16
Other types of tarsal arthrodesis including bone blocks . .	3
Spinal fusion	4
Reduction of dislocated hip	
Closed (including remanipulation)	19
Open	9

Fasciotomies

Soutter type	3
Plantar	6
Other types	1

Procedures of Correction of Deformities—(Continued)

Posterior capsulotomies and Ober ligamentous procedures with and without heel cord lengthening.....	23	
Myotomies and tendon lengthening		
Sternomastoid myotomy.....	24	
Other myotomies.....	6	
Tendon lengthening.....	15	
Muscle and tendon transplants.....	27	
Erector spinae transplant.....	2	
Neurectomies.....	7	
Osteoclases.....	5	
Osteotomies.....	13	
Leg lengthening.....	1	
Epiphyseal arrest.....	18	
Specific corrective procedures		
Ober operation for Sprengel's deformity.....	2	
Sever operation for brachial palsy with contracture.....	1	
Miscellaneous corrective procedures.....	12	
		242

Procedures for Traumatic Conditions

Closed reduction of fracture or dislocation.....	18	
Open reduction.....	4	
Reconstructive procedure.....	2	
		24

Procedures for Inflammatory Conditions

Osteomyelitis		
Incision and drainage.....	18	
Change of dressing.....	4	
Sequestrectomy.....	3	
Biopsy.....	2	
Arthritis		
Aspiration.....	8	
Incision and drainage.....	5	
		40

Arthrotomies for other cause.....	3
Lysis of adhesions in chronic tenosynovitis.....	2
Treatment of bursitis (incision and drainage and excision).....	3
Biopsy or excision of neoplastic and related types of lesion.....	15
Minor procedures (manipulations, application of plaster, insertion and removal of wires, etc.).....	74
Non-orthopedic procedures (tonsillectomy and adenoid-ectomy, etc.).....	12
Total number of operations.....	415
Total number of anesthetics on Orthopedic Ward.....	413
Total number of anesthetics on Private Ward.....	84

Total..... 497

REPORT OF THE DEPARTMENT OF PATHOLOGY

1941

THE loss of Dr. Blackfan affects deeply the Department of Pathology in many ways. He was quick to grasp the importance of the contribution which a well organized active Department of Pathology could make to the care of patients on his service, to the investigation of medical problems of disease in early life, support towards the organization and maintenance of a well-equipped laboratory of pathology. In the belief that his house officers would be better equipped to care for their patients on the wards and in their future private practice, Dr. Blackfan arranged to have as many as possible spend some of their period of training in this department. His keen interest in the lesson derived from each postmortem examination set an example which influenced his entire staff. Recognizing the opportunities for progress in the pathology of early life at a time when most children's hospitals were poorly provided for in this field, Dr. Blackfan utilized to the full the resources of the Department of Pathology in the support of his research program. One of the major reasons for the growth during the past 19 years has been the stimulation derived from an attempt to meet the demands which Dr. Blackfan placed upon the Department of Pathology.

The year 1941 saw continued progress in the achievement of the aims of the department as set forth in the reports of previous years with emphasis on the three great functions of the department: routine, teaching, and research. In the summer months, as though in anticipation of the emergency, the laboratory was filled to capacity with regularly appointed house officers, research workers.

The organization of the department has been flexible enough to permit adaptation of our resources to the rapidly changing demands from the outside world and to the many necessary adjustments within the hospital. Although all plans of the department have been reconsidered in the light of the times, no effort has been spared to prevent an unnecessary lowering of standards. The teaching activities in the department are being oriented particularly towards supplementing the training which internes and medical students are receiving on the hospital wards so that these men may take away as much of the accumulated experience of the hospital as is possible in the short period of time they spend here. In this, as in research and in routine, the Department of Pathology continues to be of service to all three medical divisions and to all parts of the hospital.

Appointments:

On July 1, 1941, Dr. Lent C. Johnson, Jr., became Resident Pathologist, succeeding Dr. Henry W. Edmonds, who left to become resident in pathology at the Massachusetts General Hospital.

Dr. Lawrence C. Kingsland left, after completing a one year's internship, on November 1, to become house officer in pediatrics.

The usual surgical sequence was followed by Dr. Frank Nulsen and Dr. H. William Scott, who entered the surgical service after abbreviated periods in the pathology laboratory. The last of the internships consisting of six months in bacteriology and six months in pathology were held by Dr. Edward Pratt and Dr. Thomas Weller, both of whom began services in the Department of Pediatrics after leaving the laboratory. These have been temporarily discontinued. Four

members of the Department of Orthopedic Surgery spent eight months each in pathology before beginning ward duties—Drs. Troxler, Keizer, Zecchino, Hildebrand.

On July 1, Dr. Campelia succeeded Dr. Maurice Dinnerman as house officer in stomatology, spending part of his time, as is customary, in this department.

Dr. Ernest K. Landsteiner, who had been a voluntary assistant in the Department of Pathology from July 1 to November 1, was forced to give up his internship in Pathology which he began in November, after only two months, in order to help relieve the acute shortage in surgical internes at the Peter Bent Brigham Hospital.

On September 1, 1941, Dr. Harry Shwachman, of the Department of Pediatrics, succeeded Dr. Charlotte L. Maddock as Research Fellow in Pathology. Dr. Maddock took a full time position with Dr. Hinton in the State Department of Health.

Dr. Nathan Rudo, Research Fellow in Orthopedic Pathology, left after completion of his year, on September 1, and is now in the medical department of the Navy. He was succeeded by Dr. Ruell A. Sloan, who began on November 1.

Dr. Ethel Cermak, formerly resident in pediatrics at the Albany Hospital, served as voluntary assistant from July 1, 1941 to February 1, 1942, and Dr. William Berenberg from July 1, 1941 to March 31, 1942. Dr. Berenberg was released so that he might take an internship on the medical service of this hospital. Dr. Norman De Wilde is carrying out special research in the Department of Stomatology and Pathology, which he began July 1, 1941.

In the summer of 1941 the following students, who had finished their second year at Harvard Medical School, served as student voluntary assistants in Pathology: Falls Hershey, Frank Wheelock, Robin Anderson, Douglas Robinson, Hathorn Brown, H. W. Clatworthy, Jr., Charles Lovell, G. R. Livermore, H. Brown, J. R. Spencer, and W. R. Eyler.

Dr. Maximiliano Salas, Major in the Medical Corps of the Mexican Army, was guest assistant in the Department of Pathology from March 1941 to March 1, 1942. The stay of Dr. Salas was arranged at the request of the Mexican government, through Dr. Gomez, chief of the New Infants' Hospital, now being built and equipped in Mexico City. Dr. Salas, a man of many years training in pathology, had as his chief purposes the acquisition of expert knowledge in the field of children's pathology and the study of the organization of this department. On his return to Mexico City Dr. Salas became Chief Pathologist to the New Infants' Hospital.

The second volume of Dr. Conel's studies on the Postnatal Development of the Cerebral Cortex, that at one month of age, has appeared. The third volume of the series is being prepared for publication. The two volumes in print are impressive in appearance and content and have been enthusiastically received by neurologists and psychiatrists. I am glad to report that the John and Mary R. Markle Foundation will continue to give support to Dr. Conel's work for a period of three years. Funds for publication of succeeding volumes are not in sight.

Productive activities in the Dental Pathology room have been continued under Dr. Boyle's direction, with the assistance of Dr. Losch and Dr. Campelia.

The organization of the Bone Pathology Room has progressed satisfactorily and well arranged files of reprints and pathologic specimens relating to orthopedic pathology are now available for workers in this field.

Under Dr. Farber's direction the investigation of the pancreatic aspects of the celiac syndrome is being continued. Emphasis is placed upon the analysis of pancreatic enzymes in the differentiation of the diseases giving rise to the celiac syndrome. Dr. Farber has shown that the initial lesion of "fibro-cystic disease" of the pancreas occurs in many other glandular organs and that its genesis has probably been discovered by him. He has succeeded in reproducing experimentally the pancreatic lesion in a manner which indicts the sympathetic nervous system. It is of interest to record that the reasoning which has brought into view a solution of a very difficult problem took origin in the performance of carefully conducted postmortem routine studies.

The research activities of the Department of Pathology are becoming integrated more and more with those of the Departments of Medicine, Surgery, and Orthopedic Surgery. Progress in clinical fields is often dependent upon concurrent progress in the pathology of the subject under investigation. It is the aim of the department always to be adequate in this respect. The very considerable success it has had is due to the great effectiveness of Dr. Farber in knowledge, organization and administration.

At the Children's Hospital we include in our conception of pathology, all of the responses of the living organism to disease. In the experimental work of the department, morphological studies may and often do play a minor role while physiologic and chemical technics often predominate. We look forward to a further extension of the very satisfactory clinical facilities now existing, as a prerogative of the pathologist in pursuit of new knowledge.

S. BURT WOLBACH, M.D.

AUTOPSIES

	<i>Deaths</i>	<i>Autopsies</i>
Infants' Hospital.....	92	73
Children's Hospital*.....	85	68
Private Ward.....	31	18
Additional.....		20
<i>Total</i>	208	179

AUTOPSIES PERFORMED

<i>Year</i>	<i>Children's†</i>	<i>Infants'</i>	<i>Additional†</i>	<i>Total</i>
1939.....	84	98	14	196
1940.....	73	104	11	188
1941.....	86	73	20	179

TOTAL DEATHS

<i>Year</i>	<i>Children's‡</i>	<i>Infants'</i>	<i>Total</i>
1939.....	126	118	234
1940.....	123	121	244
1941.....	116	92	208

PERCENTAGE OF AUTOPSIES OBTAINED

1939.....	73.6	83.05	77.7
1940.....	62.6	85.1	75.0
1941.....	80.0	79.4	76.4

SURGICAL SPECIMENS EXAMINED

<i>Year</i>	<i>Number</i>
1939.....	678
1940.....	708
1941.....	730

*Includes all services but Infants' and Private Ward

†Includes Private Ward

‡Additional—includes all examinations on patients not at the Hospital at the time of death

REPORT OF THE SURGICAL SERVICE

1941

IN the annual report of the Surgical Service for the year 1940 it was stated that this department faced the probability of being obliged to carry on with a very much reduced personnel. This situation has indeed come to pass; seven men from the Visiting Staff and five from the Resident Staff have joined the armed forces of the country. Also, as the demand for surgeons in the Army and Navy becomes more urgent, the internes and residents are being allowed less and less time for training after their graduation from the medical schools. The time in 1942 which will be allowed by the Army or Navy for a student for hospital training subsequent to graduation is one year from the date of his graduation. This means that all internes must start their hospital work at the same time or that some must have less than a year of postgraduate training before being inducted into the armed services. Under these circumstances the three to five year training program which had been established by combining the facilities of the Children's Hospital and the Peter Bent Brigham Hospital will have to be abandoned. Each hospital will be able to offer a one year course of post-graduate training.

However, by a series of adjustments and assignments of work between the Visiting and Resident Staff the amount of work of the surgical department was not curtailed during the year 1941. It is believed that the service to the children of the country can be carried on at the same rate in the future, but that investigative work and the number of publications may have to be reduced during the emergency.

In the year 1941 there were 3352 admissions to the surgical wards as compared to 3314 the preceding year. The mortality varied less than half of one per cent in the two periods. Patients presenting more complicated surgical problems are being more frequently referred to this clinic each year from a larger geographical area. This increases the percentage of grave surgical risks to the total number of surgical procedures done. Considering this fact and the depleted surgical staff the record appears creditable.

The Surgical Staff feels keenly the loss of Dr. Kenneth D. Blackfan, as does the rest of the hospital. His friendly consultations in the Surgical wards were always gratifying to the surgeons and helpful to the patients. They will be greatly missed.

The Board of Managers have always given freely of their time and energies for the benefit of the hospital, and they may look forward to the opportunity of being of even greater service during the troublesome times ahead.

The teaching load from the Harvard Medical School is to be increased during the coming year. To meet this situation the Surgical Department is going to ask for as much help from technicians as is feasible in order to lighten the burden of work of the Resident Staff.

Below are listed the names of the Surgical Staff who have joined the armed forces with the ranks held, and following this is a list of the publications of the members of this department during the year.

Lt. Col. Thomas H. Lanman, M. C. Fifth General Hospital (Harvard University Unit)

Major Carlyle G. Flake, M. C. Fifth General Hospital (Harvard University Unit)

Major Augustus Thorndike, M. C. Fifth General Hospital (Harvard University Unit)

Lt. Com. Henry W. Hudson, Jr., M. C. U. S. N. R.

Lt. Com. Patrick J. Mahoney, M. C. U. S. N. R.

Lt. John W. Chamberlain, M. C. U. S. N. R.

Lt. Com. Charles I. Johnson, M. C. U. S. N. R.

1st. Lt. Robert R. White, M. C. Fifth General Hospital (Harvard University Unit)

1st. Lt. F. Dale Wilson, M. C. U. S. A.

1st. Lt. Charles L. Dimmler, Jr. M. C. Fifth General Hospital (Harvard University Unit)

1st. Lt. Hannibal Hamlin, M. C. U. S. N. R.

WILLIAM E. LADD, M.D.

PUBLICATIONS

1941

- Ladd, W. E. and Gross, R. E.: Abdominal Surgery of Infancy and Childhood. (Philadelphia: W. B. Saunders Co., 1941).
- Ladd, W. E.: Hernia in Infancy and Childhood. *The Nebraska Journal*, 24:7: 234, July, 1941.
- Ladd, W. E.: Intestinal Obstruction in Infancy. (Panel Discussion, American Academy of Pediatrics.) In publication.
- Ladd, W. E., Gatch, W. D., Packard, G. B. and Penberthy, G. C.: Intestinal Obstruction in Children. (Panel Discussion, American College of Surgeons.) In publication.
- Ladd, W. E. and White, R. R.: Embryoma of the Kidney (Wilms' Tumor). *J. A. M. A.*, 117:1858-1862, November 29, 1941.
- Lanman, T. H.: Chairman of special committee appointed by the Massachusetts Medical Society to draw up and present to Legislature an Enabling Act on Prepaid Medical Care. *N. E. Jr. M.*, 224:3:125-127, January 16, 1941.
- Lanman, T. H.: Some Surgical Problems in Infancy and Childhood. In process of being translated into Spanish for publication in *El Dia Medico*, Buenos Aires.
- Lanman, T. H.: Acute Abdominal Conditions in Infants and Children. (Panel Discussion, American College of Surgeons.) In publication.
- Lanman, T. H. and Dimmler, C. L. Jr.: Management of Acute Empyema in Children. *Am. Jr. Surg.*, 54:1:29-34, 1941.
- Lanman, T. H.: Contribution to Dr. Quinby's Festschrift. November, 1941.
- Ingraham, F. D. and Campbell, J. B.: Dangers of Radiation Without Biopsy of Brain Tumors in Children. *N. E. Jr. M.*, 224:925-927, May 29, 1941.
- Ingraham, F. D. and Campbell, H. B.: Marcus Gunn Phenomenon. *Arch. Neur. & Psych.*, 40:127-134, July, 1941.
- Ingraham, F. D. and Campbell, J. B.: An Apparatus for Closed Drainage of the Ventricular System. *Annals of Surg.*, 114:6:1096-1098, December, 1941.
- MacCollum, D. W.: Burns of the Hand. *J. A. M. A.*, 116:2371-2377, May 24, 1941.
- Eppinger, E. C., Burwell, C. S. and Gross, R. E.: The Effects of the Patent Ductus Arteriosus on the Circulation. *J. Clin. Investigation*, 20:127, 1941.
- Wyatt, G. M. and Gross, R. E.: Chylous Ascites. *Am. J. Roentgenol.*, 45:848, 1941.
- Gross, R. E.: Surgical Closure of the Patent Ductus Arteriosus. *Modern Concepts of Cardiovascular Disease*, Vol. 10, No. 12, (Dec.), 1941.
- Hudson, H. W. Jr.: Childhood Abdominal Surgery. *N. E. Jr. M.*, 226:9:360-362, February, 1942.
- Thorndike, A. Jr. and Dimmler, C. L. Jr.: Fractures of the Forearm and Elbow in Children. An Analysis of 364 Consecutive Cases. *N. E. Jr. M.*, 225: 475-480, 1941.
- Thorndike, A. Jr. and Quigley, T. B.: Injuries to the Acromioclavicular Joint. A Plea for Conservative Treatment. *Am. Jr. Surg.*, LV:2:250-261, 1942.
- Thorndike, A. Jr.: Monograph—Manual of Strapping, Bandaging and Splinting. Lea and Febiger, Phila. 1941.
- Thorndike A. Jr.: Monograph—Athletic Injuries. Second edition. Lea and Febiger, Phila. 1941.

Chamberlain, J. W. and Lawrence, K. B.: Congenital Sarcoma of Extremities. Report of 2 Cases. *Am. Jr. Dis. Child.*, 62:793-800, October, 1941.

Tobey, H. G.: Medical Treatment of Meniere's Disease. *Surg. Gyn. and Obst.*, 72:425-430, February 15, 1941.

Richards, L. G.: The Open Safety Pin. A Consideration of Its Peroral Removal from The Upper Air and Food Passages. *N.E. Jr. M.*, 225:561-571, 1941.

Richards, L. G.: Vegetal Foreign Bodies in the Bronchi: Analysis of Forty Cases. *Annals of Otolaryngology and Laryngology*, 50:3:860, September, 1941.

Richards, L. G.: Otogenic Complications. A Resume and Discussion of the Literature for 1940. *The Laryngoscope*, St. Louis, September, 1941.

Ganz, R. N., Lyons, C. and Ferguson, C. F.: Chemotherapy and Serotherapy of Acute Otitis Media. *Annals of Otolaryngology and Laryngology*, 10:4:1185, December, 1941.

SURGICAL OUT-PATIENT DEPARTMENT REPORT 1941

<i>Diseases of the Ductless Glands</i>	
Diabetes	1
Frohlich's syndrome	1
Obesity	2
Pituitary dysfunction	1
	<hr/> 5

<i>Respiratory System</i>	
Asthma	1
Bronchiectasis	1
Bronchitis	1
Deviated septum	2
Epistaxis	2
Foreign body, nose	1
Foreign body, throat	1
Furuncle, nose	1
Hematoma, septum	1
Laryngitis	1
Pneumonia	1
Rhinitis	1
Sinusitis	1
Tonsillitis	21
Tonsils, hypertrophied	2
Tonsils and adenoids, hypertrophied	16
	<hr/> 54

<i>Alimentary System</i>	
Abdominal pain, undetermined origin	104
Abscess, alveolar	1
Abscess, ischio-rectal	1
Abscess, peri-rectal	2
Anal tab.	2

Alimentary System—(Continued)

Appendicitis	13
Branchial cleft	1
Branchial cleft sinus	7
Carious teeth	2
Cleft palate	25
Constipation	32
Diarrhea	4
Diastasis recti	2
Dysentery	2
Ectopic anus	1
Enteritis	22
Esophageal stricture	1
Evulsion, tooth	1
Fecal impaction	3
Fecal incontinence	1
Fissure in ano	6
Fissure, rectal	2
Foreign body in gastro-intestinal tract	26
Foreign body in stomach	12
Frenulum, lip	3
Gastritis	1
Harelip	10
Harelip and cleft palate	9
Hemorrhage, ileum	1
Hemorrhoids	1
Hirschsprung's disease	1
Imperforate anus	1
Intestinal parasites	5
Macroglossia	1
Macrostomia, congenital	1
Melena	1
Micrognathia	1
Nasopharyngitis	6
Nutritional disturbance	35
Pharyngeal diverticulum	1
Pharyngitis	4
Polyp, rectal	17
Prolapse of rectum	21
Pylorospasm	2
Pyloric stenosis	15
Tab rectal	2
Thrush	1
Thyroglossal cyst	9
Thyroglossal fistula	1
Thyroglossal sinus	1
Tight anal sphincter	1
Tongue tie	37
Vomiting	2

Genito-Urinary System

Adherent labia.	2
Adhesions, labia majora, congenital.	1
Adhesions, meatal.	1
Adhesions, vaginal.	1
Anuria.	1
Atrophy of testicle.	1
Balanitis.	8
Cystitis.	4
Edema of retracted foreskin.	1
Enuresis.	5
Foreign body in vagina.	1
Frequency, urinary.	2
Hematuria.	2
Hydrocele.	64
Hydronephrosis.	3
Hypertrophy of breast.	4
Hypospadias.	14
Imperforate hymen.	1
Infantile genitalia.	1
Infected prepuce.	1
Internal torsion of testicle.	1
Lactating breast.	1
Long foreskin.	2
Mastitis.	3
Meatal ulcer.	10
Paraphimosis.	16
Patent urachus.	1
Phimosis.	174
Preputial adhesions.	26
Pyelitis.	2
Pyelonephritis.	2
Redundant foreskin.	73
Renal colic.	1
Retention of urine.	1
Ruptured kidney.	1
Traumatic fat neurosis, breast.	1
Undescended testicle.	41
Urethral stenosis.	1
Urethral stricture.	1

476

Cardio-Vascular Diseases

Congenital heart disease.	1
Hypertrophy of heart.	1
Patent ductus arteriosus.	1

3

SURGICAL DEPARTMENT

67

Lymphatic System

Abscess, submental	2
Adenitis, axillary	12
Adenitis, cervical	77
Adenitis, epitrochlean	1
Adenitis, femoral	2
Adenitis, inguinal	9
Adenitis, maxillary	1
Adenitis, mesenteric	3
Adenitis, occipital	4
Adenitis, preauricular	4
Adenitis, submandibular	1
Adenitis, submaxillary	3
Adenitis, submental	1
Lymphadenitis	3
Lymphangitis	1
Lymphangioma	3

127

Nervous System

Aneurysm	1
Behavior problem	2
Birth injury	2
Brain tumor, suspect	1
Cephalhematoma	2
Cerebral deficiency	1
Concussion	14
Convulsions	7
Defective speech	6
Edema, angioneurotic	1
Encephalocele	2
Epilepsy	3
Facial asymmetry	1
Headache	1
Head injury	3
Hematoma, extra dural	1
Hydrocephalus	10
Intracranial pathology	1
Masturbation	2
Meningitis	1
Meningocele	29
Mental deficiency	1
Mental retardation	3
Microcephalus	1
Myelomeningocele	1
Night terrors	1
Palsy, brachial	1
Palsy, Erb's	1
Paralysis, facial	1

Nervous System—(Continued)

Spina bifida.	17
Spina bifida with meningocele.	3
Synostosis, cranial.	2

123

Diseases of the Skin

Abrasions.	55
Abscesses.	45
Adenoma.	1
Anomaly of skin, congenital.	1
Avulsion, toenail.	2
Bite, cat.	1
Bite, dog.	28
Bite, human.	2
Bite, insect.	15
Bite, rat.	2
Blister.	7
Burn.	47
Cicatrix.	5
Contusions.	16
Cyst.	46
Dermatitis.	34
Ecchymosis.	2
Eczema.	4
Eponychia.	7
Erythema.	1
Fibroma, forehead.	1
Foreign body.	22
Furunculosis.	69
Glioma.	1
Granuloma of umbilicus.	9
Hemangioma.	286
Hematoma.	18
Hygroma, cystic.	2
Impetigo.	13
Infection, umbilicus.	1
Ingrown nails.	3
Keloid.	4
Keratosi.	1
Lacerations.	309
Lipodystrophy.	1
Lipoma.	3
Mole.	7
Mucocoele, lip.	1
Nevus.	30
Omphalitis.	1
Papilloma, umbilicus.	1
Paronychia.	38
Pediculosis capitis.	1

Diseases of the Skin—(Continued)

Puncture wound.	28
Ringworm.	1
Roseola.	1
Scabies.	1
Scars, congenital.	2
Sunburn.	5
Tumor.	4
Warts.	32
Wart, plantar.	5
Wringer injuries.	5

1,226

Diseases of the Bones and Joints

Amputation, finger.	3
Anomalies, toes and fingers, congenital.	1
Arthritis.	1
Asymmetry, skull.	2
Asymmetry, chest, physiological.	1
Bifid thumb.	2
Bursitis.	1
Calcinosis, leg.	1
Claw hands and feet.	1
Club foot.	1
Cyst, Baker's.	3
Dactylitis.	1
Deformity, arm, congenital.	2
Deformity, chest, congenital.	1
Deformity, fingers, congenital.	3
Deformity, hand, congenital.	2
Epiphysitis, leg.	1
Exostosis.	2
Fractures.	107
Fusion, fingers.	1
Multiple anomalies.	1
Osteochondritis, tibia.	1
Osteoma, toe.	1
Pigeon breast.	1
Pilonidal sinus.	6
Polydactylism.	9
Pronated feet.	2
Rickets.	1
Syndactylism.	5
Trigger finger.	2
Wormian bone, congenital.	1

167

Diseases of the Muscles, Tendons and Fascia

Absence of pectoralis major.	1
Contractures.	3
Flexion deformity, finger.	1

Diseases of the Muscles, Tendons and Fascia—(Continued)

Ganglion.	11
Hernia, diaphragmatic.	2
Hernia, epigastric.	2
Hernia, incisional.	1
Hernia, inguinal.	189
Hernia, scrotal.	8
Hernia, umbilical.	103
Tendon laceration, old.	1
Sprain.	39
Strain.	12
Torticollis, acquired.	1
Torticollis, congenital.	3

377

Diseases of Eye and Ear

Absence of ears.	2
Cerumen.	1
Corneal laceration.	1
Conjunctivitis.	2
Deformity, ears, congenital.	2
Edema, eyelid.	1
Foreign body, eye.	10
Furuncle, eye.	1
Hemorrhage, subconjunctival.	1
Hordeolum.	3
Lacerated sclera.	1
Lop ears.	4
Nystagmus.	1
Otitis media.	49
Preauricular tabs.	1
Ptoxis.	4
Stenosis, lacrimal duct.	1
Strabismus.	1

86

Miscellaneous

Assault.	1
Bleeding umbilicus.	2
Chicken pox.	2
Coeliac disease.	1
Dehydration.	1
Fatigue.	1
Feeding, regulation of.	1
Grippe.	2
Hyperactivity.	1
Infections.	27
Influenza.	1
Lordosis.	1
Malnutrition.	1
Measles.	2

Miscellaneous—(Continued)

Multiple injuries, old.	1	
Mumps.	3	
Scarlet fever.	1	
Scurvy.	5	
Serum sickness.	1	
Undulant fever.	1	
		<hr/> 56
Deferred.	24	
Eloped.	16	
No disease.	58	
Not seen.	6	
		<hr/> 104
New cases.	2,415	
Old cases.	10,850	
Transfers.	646	
		<hr/>
<i>Total</i>		13,911

OUT-PATIENT DEPARTMENT OPERATIONS

With Anaesthesia

Circumcisions.	161
Debridement.	8
Endothermy for hemangioma.	113
Extraction of tooth.	1
Freeing of frenum for tonguetie.	1
Fractures, reduction of.	39
Incision and drainage of abscesses and septic wounds.	71
Meatotomy.	1
Paracentesis.	153
Proctoscopy.	9
Rectal dilatation.	3
Removal of cysts.	13
Removal of hemangioma.	10
Removal of foreign body in ear.	2
Removal of foreign body (region unspecified).	1
Removal of mucocele.	1
Removal of nail for paronychia.	3
Removal of polyp in ear.	1
Removal of preauricular tabs.	4
Removal of toe.	1
Removal of warts.	1
Removal of wen.	6
Roentgen ray treatments with anaesthesia.	19
Urethral dilatation.	14

Vaginal examination.	3
Wound sutures.	47

Total number of etherizations.	674
Total number of operations.	686

Without Anaesthesia

Carbon-dioxide snow treatments.	551
---	-----

SURGICAL DISEASES TREATED IN THE WARDS

1941

<i>Diseases of the Ductless Glands</i>	<i>New</i>	<i>Old</i>
Adenoma of pituitary.	2	
Adiposo-genital dystrophy.	1	
Diabetes mellitus.		1
Neuroblastoma, adrenal gland.	2	1
Toxic nodular goitre.		1
	5	3

Diseases of the Respiratory System

Asthma.	1	
Atelectasis.	6	1
Atresia of nares.	1	
Bronchiectasis.	2	9
Bronchitis.	1	2
Common cold.	6	
Empyema.	15	6
Fistula, broncho-cutaneous.	1	2
Fistula, broncho-pleural.	2	4
Hemorrhage, pulmonary.	1	1
Hypertrophied tonsils and adenoids.	15	
Laryngeal obstruction.		1
Laryngitis.	1	
Mediastinitis.	1	
Pharyngitis.	22	
Pneumonia.	34	2
Sinusitis.	1	
Stricture of larynx.		1
Tumor of lung.	1	1
Undetermined injury of respiratory tract.	1	
	112	30

Diseases of the Alimentary System

Abdominal pain, ? etiology.	48	2
Absence of abdominal wall musculature.	1	

SURGICAL DEPARTMENT

73

Diseases of the Alimentary System—(Continued)

Adhesions, peritoneal.	2	
Alveolar defect.	14	3
Anomaly of bile ducts.	11	1
Appendicitis.	106	5
Atresia, anus.	9	5
Atresia, esophageal.	4	1
Atresia, intestine.	4	
Cleft palate.	28	4
Congenital anomalies, not listed.	6	6
Constipation.	6	
Colitis, ulcerative.	2	6
Cysts and tumors of gastro-enteric tract.	31	5
Dental caries.	9	1
Dilatation of alimentary tract.	1	
Dilatation of colon.	3	
Duplication of esophagus.	1	1
Esophageal stricture.		7
Esophageal varices.	1	
Evisceration.	2	
Excoriation, anus.	1	
Fibrosis and degeneration of liver.	1	
Fibrosis of pancreas.	2	
Fissure in ano.	1	
Fistula, fecal.	1	1
Fistula, peri-rectal.	1	
Fistula, peritoneal.	3	
Fistula, recto-perineal.	1	1
Fistula, recto-urethral.	2	2
Fistula, recto-vesicle.	1	
Fistula, tracheo-esophageal.	2	
Foreign body in gastro-enteric tract.	3	
Gastro-enteritis.	6	
Gingivitis.	1	
Harelip.	35	3
Harelip and cleft palate.	44	31
Hemoperitoneum.	1	
Hemorrhage, gastro-intestinal tract.	6	
Hepatitis.	3	
Impacted feces.	5	
Imperforate anus.	9	
Incontinence of feces.	3	2
Injury to wall of sigmoid.	1	
Inspissated meconium in rectum.	1	
Intestinal obstruction.	11	1
Intussusception.	21	1
Jaundice.	1	2
Laryngo-tracheitis.		2
Macroglossia.	1	
Malrotation of intestines.	10	

Diseases of the Alimentary System—(Continued)

Meckel's diverticulum.	6	
Megacolon.	5	1
Melena, cause undetermined.	4	1
Mucocele, appendix.	1	
Mucous cyst of lip.	1	
Omphalo-mesenteric duct, persistent.	1	
Oxyuriasis of appendix.	3	
Perforation of esophagus.	1	
Peritonitis, primary.	4	3
Polyposis of intestine.	4	2
Proctitis.	1	
Prolapse, rectal mucosa.	3	
Pyloric stenosis.	50	
Pylorospasm.	1	
Ranula.		1
Rupture of cecum.	1	
Rupture of spleen.	2	
Spasm of sphincter ani.	1	
Splenomegaly.		1
Stomatitis.	1	
Stricture, rectum.	1	
Thrombosis, splenic vein.	1	
Ulcer, duodenal.	1	
Ulcer, rectum.	1	1
Ulcer, stomach.	1	
Undiagnosed disease, neoplasm suspected.	1	
Volvulus of intestine.	4	
Vomiting, cause undetermined.	9	1
	<hr/> 576	<hr/> 104

Diseases of the Genito- Urinary System

Anomalies of genitalia.	8	1
Anomalies of kidney and ureter.	31	17
Cryptorchidism.	23	1
Cystitis.	4	
Dilated peri-anal veins.	1	
Enuresis.	2	
Epispadias.	2	4
Exstrophy of bladder.		10
Fistula, recto-vaginal.	2	1
Fistula, ureter.	1	
Foreign body in vagina.	1	
Glycosuria, cause undetermined.	1	
Hematuria, cause undetermined.	4	1
Hemorrhage, renal.	1	
Hydrocele.	52	1
Hypospadias.	8	
Incontinence of urine.	1	1

Genito-Urinary System—(Continued)

Phimosis.	19	2
Pyelonephritis.	15	10
Renal rickets.	1	
Rupture of kidney.	1	
Stab wound in scrotum.	1	
Stricture, ureter.	4	
Stricture, urethra.	2	1
Stricture, uretero-vesicle orifice.	1	
Torsion of appendix testis.	1	
Trigonitis.	1	
Tumors of genito-urinary tract.	9	11
Uremia.	1	
Vaginal bleeding.	1	
	<hr/> 199	<hr/> 61

Diseases of the Cardio-Vascular System

Congenital heart disease.	9	2
Heart disease, rheumatic.	4	4
Idiopathic enlargement of heart.	1	
Neiman-Pick's disease.		1
Patent ductus arteriosus.	12	4
Phlebitis.	2	
Thrombo-phlebitis, saphenous vein.	1	1
Varicose veins.	1	2
	<hr/> 30	<hr/> 14

Diseases of the Lymphatic System

Cystic hygroma.	5	
Cyst, lymphatic.	1	
Hemangio-lymphangioma.	1	
Hyperplasia of lymphnodes.	2	
Lymphadenitis.	17	
Lymphadenitis, mesenteric.	2	
Lymphangitis.	1	
Lymphangioma.	6	4
	<hr/> 35	<hr/> 4

Diseases of the Nervous System

Abscess, cerebral.	5	2
Anomaly of central nervous system.	12	5
Arachnoiditis.	3	
Arnold-Chiari syndrome.	2	
Atrophy, cortical.	5	2
Behavior problem.	1	
Birth injury.	6	1
Brain tumor.	11	5

Diseases of the Nervous System—(Continued)

Cephalohematoma.	4	1
Chorea.	1	
Cicatrix of cortex.	1	
Collapse of vertebra.	1	
Compression of cauda equina.		1
Concussion, cerebral.	23	1
Cyst, dermoid, of dura.	1	
Deficiency, mental.	3	
Developmental phasia.	2	
Disease undiagnosed, brain tumor suspected.	4	2
Encephalitis.	3	
Encephalocele.	4	
Encephalopathy, cause unknown.	9	
Ependymoma.	1	
Epilepsy.	10	1
Glioma.	3	
Gliosis, frontal lobe.	1	
Hematoma, epidural.	1	
Hematoma, extradural.	1	
Hematoma, parietal bone.	1	
Hematoma, subdural.	27	6
Hematomyelia, cervical cord.	2	
Hemiparesis.	1	
Hemorrhage, intracranial.	7	1
Hydrocephalus.	24	9
Idiopathic convulsive state.	14	1
Intracranial calcification.	1	
Lipoma, of cauda equina.	4	1
Melanoma of meninges.	1	
Meningismus.	2	
Meningitis.	9	
Migraine.	2	
Mongolism.	1	
Myelitis, transverse.	1	
Neuritis of 7th nerve, cause unknown.	1	
Neuroblastoma, frontal lobe.	2	
Neurofibroma.	1	
Palsy, cerebral.		1
Papilloma of choroid plexus.	1	
Paralysis, facial, post-traumatic.	2	
Paralysis, post-poliomyelitis.	8	1
Paralysis, spastic.	3	
Paralysis, urinary bladder.	1	
Penetrating wound of sciatic nerve.	1	
Poliomyelitis, acute, anterior.	1	
Spina bifida occulta.	8	2
Spina bifida with encephalocele.	1	
Spina bifida with meningocele.	15	3
Spina bifida with myelomeningocele.	6	4
Thrombosis, cerebral vessel.	1	

Diseases of the Nervous System—(Continued)

Thrombosis, Rolandic vein	1	
Tumor, spinal cord		1
Undiagnosed disease of brain		1
Varix of cerebral vein	1	
Vertigo	1	
	<hr/> 270	<hr/> 54

Diseases of the Skin and Subcutaneous Tissue

Abscesses	57	3
Angio-endothelioma	1	1
Branchiogenetic sinus	4	
Burns	28	1
Cellulitis	17	
Cicatrix	10	4
Cyst of skin	5	
Dermatitis	5	
Dermatophytosis	1	
Dog-bite	1	
Eczema	2	
Foreign body	1	
Furunculosis	7	1
Hemangioma of skin	22	6
Impetigo	5	
Infections	5	
Laceration	94	
Lipomatosis	1	
Necrosis of skin	4	1
Paronychia	5	
Splinter, forearm	1	
Tumors of skin	15	1
Ulcers	6	
Wringer arm	15	
Wringer hand	1	
Wringer thumb	1	
Xanthoma	1	
	<hr/> 315	<hr/> 18

Diseases of the Bones and Joints

Adventitious bursa	1	
Arthritis	2	
Avulsion, radial epiphysis	1	
Bone cyst of humerus	1	
Compression, dorsal vertebra	1	
Congenital anomaly of bone	21	1
Contractures, post-poliomyelitis	1	
Displacement of epiphysis	3	
Ewing's tumor	1	2
Exostosis	2	

Diseases of the Bones and Joints—(Continued)

Foreign body in knee.	1	
Fractures.	88	2
Hemivertebra.	2	
Lordosis.	1	
Osteogenic sarcoma.	2	1
Osteomyelitis.	18	14
Rickets.	1	
Scoliosis.	2	
Septic joint.	6	4
Talipes equino-varus.		1
Trigger finger.	1	
	<hr/> 156	<hr/> 25

Diseases of the Muscles, Tendons and Fascia

Diastasis recti.	1	
Ganglion.	5	
Hematoma, sternocleidomastoid muscle.	1	
Hernia, diaphragmatic.	5	1
Hernia, epigastric.	1	
Hernia, incisional.	5	
Hernia, inguinal.	219	8
Hernia, umbilical.	36	2
Omphalocele.	5	
Severed extensor tendon.	1	
	<hr/> 279	<hr/> 11

Diseases of the Eye and Ear

Anomaly of ear (not lop ear).	8	
Anomaly of eye.	13	
Lop ears.	6	
Mastoiditis.	3	2
Otitis media.	53	10
	<hr/> 83	<hr/> 12

Systemic Diseases, Hospital Complications and Miscellaneous

Agranulocytosis.	1	
Anemia, secondary.	53	7
Bacteremia.	4	1
Disease undiagnosed.	2	
Eosinophilia.	1	
Exposure to contagion.	7	
Feeding problem.	1	
Hematoma, thorax.	1	
Hypertension.	1	1
Hypertonicity of infancy.	1	
Icterus neonatorum.	1	

*Systemic Diseases, Hospital Complications and
Miscellaneous—(Continued)*

Influenza	1	
Ingrown toenail	1	
Leukopenia	1	
Lipocondrodystrophy	1	
Malnutrition	2	
Marasmus	3	
No disease	4	
Purpura, thrombocytopenic	1	3
Rheumatic fever, active	2	
Serum sickness	3	
Syphilis	4	
Tuberculin reactor	10	
Tuberculosis, pulmonary	7	
Vaccinia	1	
Wassermann reaction position	2	
	<hr/>	<hr/>
	116	12
Number of cases admitted to Surgical Ward	1,408	
Number of cases admitted to Private Ward	388	
	<hr/>	
<i>Total</i>		1,796
New Diagnosis	2,176	
Secondary Diagnosis	348	
	<hr/>	
<i>Total</i>		2,524

SURGICAL OPERATING ROOM REPORT

1941

Operations of the Ductless Glands

Biopsy	1	
Bone flap with exploration	1	
Burr holes, ventriculogram and encephalogram	1	
Encephalogram	1	
Encephalogram with x-rays	1	
Exploratory laparotomy and pyloromyotomy	1	
Excision	4	
	<hr/>	10

Operations of the Respiratory System

<i>Atelectasis</i>		
Bronchoscopy with lipiodol	3	
Cystoscopy with retrograde pyelography	1	
Exploratory thoracotomy with biopsy and lysis of adhesions	1	

Operations of the Respiratory System—(Continued)

Bronchiectasis	
Bronchoscopy with lipiodol.....	6
Bronchoscopy with lipiodol and cauterization.....	1
Lobectomy.....	2
Empyema	
Bronchoscopy with lipiodol.....	1
Incision and drainage.....	1
Intercostal drainage.....	2
Rib resection.....	5
Rib resection with drainage.....	4
Hemorrhage, pulmonary	
Exploration.....	1
Hypertrophied tonsils	
Tonsillectomy.....	1
Mediastinal mass	
Marsupialization.....	2
Sinusitis	
Bronchoscopy with lipiodol.....	1
Stricture, larynx	
Tracheal dilatation.....	1
Tumors of lung	
Biopsy.....	1

34

Operations of the Alimentary System

Abdominal pain, ? cause	
Appendectomy.....	4
Exploratory laparotomy with appendectomy.....	8
Exploratory laparotomy with appendectomy and biopsy.....	1
Exploratory laparotomy with lysis of adhesions.....	1
Proctoscopy.....	1
Retrograde pyelograms.....	1
Absence of abdominal wall musculature	
Freeing of bladder from wall.....	1
Adhesions, intestinal	
Laparotomy with lysis of adhesions.....	1
Adhesions, peritoneal	
Lysis of adhesions.....	1
Anomaly of bile ducts	
Anastomosis.....	1
Cholecystoduodenostomy.....	2
Exploration.....	6
Exploration and biopsy.....	1
Exploration and irrigation.....	1
Appendicitis	
Appendectomy.....	72
Appendectomy with drains.....	40
Appendectomy with exploratory laparotomy.....	10
Appendectomy with lysis of adhesions.....	1
Appendectomy with resection.....	2

Operations of the Alimentary System—(Continued)

Atresia, anus	
Anastomosis	1
Closure of colostomy	1
Colostomy	0
Gastrostomy	1
Plastic	6
Atresia, esophageal	
Gas dressing and marsupialization	1
Atresia, intestinal	
Anastomosis	1
Anastomosis with lysis of adhesions	1
Entero-enterostomy	1
Bleeding, rectal	
Proctoscopy	3
Cleft palate	
Plastic	23
Congenital anomalies, not listed	
Cecostomy and appendectomy	1
Closure of cecostomy	1
Colostomy	1
Excision	1
Ileostomy	2
Resection and anastomosis	1
Colitis, ulcerative	
Ileostomy	1
Proctoscopy	7
Cysts and tumors of the gastro-enteric tract	
Biopsy	2
Bronchoscopy	1
Cystoscopy	1
Disarticulation and resection	2
Excision	18
Excision and appendectomy	2
Exploratory laparotomy with biopsy	3
Gastrostomy	1
Gastrostomy and biopsy	1
Incision and drainage	2
Laparotomy with excision	1
Dental caries	
Extraction of teeth	10
Esophageal stricture	
Dilatation	7
Esophagoscopy with cauterization	1
Esophagoscopy with dilatation	2
Gastrostomy	1
Evisceration	
Suturing	1
Fibrosis	
Biopsy	1

Operations of the Alimentary System—(Continued)

Fistula, recto-urethral	
Closure.....	1
Dilatation.....	1
Fistula, tracheo-esophageal	
Closure.....	2
Gastrostomy.....	1
Ligation.....	2
Foreign body in gastro-enteric tract	
Laparotomy with removal.....	1
Removal and suturing.....	1
Harelip	
Plastic.....	26
Harelip and cleft palate	
Extraction of teeth.....	2
Packing to palate.....	1
Plastic to lip.....	18
Plastic to nose.....	2
Plastic to palate.....	11
Hemorrhage, gastro-intestinal tract	
Exploratory laparotomy and appendectomy.....	1
Proctoscopy.....	3
Hepatitis	
Exploratory laparotomy with biopsy.....	1
Imperforate anus	
Colostomy.....	7
Lysis of adhesions.....	3
Impacted feces	
Irrigation.....	1
Incontinence of feces	
Sigmoidostomy.....	3
Intestinal obstruction	
Duodeno-jejunostomy.....	3
Enterostomy.....	1
Exploratory laparotomy.....	1
Exploratory laparotomy with cecostomy.....	1
Exploratory laparotomy with lysis of adhesions.....	2
Freeing of adhesions.....	1
Intussusception	
Exploratory laparotomy.....	3
Reduction.....	8
Reduction and appendectomy.....	3
Reduction and exploratory laparotomy.....	3
Malrotation of intestines	
Ladd's operation.....	2
Reduction.....	1
Megacolon	
Excision with lumbar sympathectomy.....	1
Proctoscopy.....	1
Mucocele of appendix	

Operations of the Alimentary System—(Continued)

Appendectomy with excision.....	1
Mucous cyst of lip	
Excision.....	1
Oxyuriasis of appendix	
Appendectomy.....	2
Peritonitis, idiopathic	
Incision and drainage.....	5
Polyposis of intestine	
Proctoscopy with electro-cautery.....	1
Proctoscopy with excision.....	5
Proctoscopy, sigmoidostomy and colostomy.....	1
Prolapse of rectal mucosa	
Proctoscopy.....	1
Pyloric stenosis	
Pyloromyotomy.....	47
Rupture of spleen	
Splenectomy.....	1
Splenomegaly	
Splenectomy.....	1
Stricture, rectum	
Exploration.....	1
Proctoscopy with irrigation.....	1
Stricture, urethral	
Dilatation with removal of catheter.....	1
Ulcer, rectum	
Proctoscopy.....	2
Undiagnosed disease, neoplasm suspected	
Incision and drainage, exploratory laparotomy and biopsy	1
Volvulus of intestine	
Exploratory laparotomy and ileostomy.....	4
Reduction.....	2

461

Operations of the Genito- Urinary System

Anomalies of genitalia	
Exploration with excision.....	1
Orchidectomy.....	1
Anomalies of kidney and ureter	
Appendectomy.....	1
Cystoscopy.....	2
Cystoscopy with pyelograms.....	3
Dilatation with freeing of adhesions.....	1
Exploration, ligation and division.....	1
Hemi-nephrectomy.....	3
Ligation.....	3
Ligation and division.....	1
Nephrectomy.....	3
Nephropexy.....	1
Pyelograms.....	1

Operations of the Genito- Urinary System—(Continued)

Ureterectomy with freeing of adhesions.	1
Cryptorchidism	
Orchidopexy.	10
Dilatation, peri-anal veins	
Proctoscopy.	1
Enuresis	
Cystoscopy.	1
Exstrophy of bladder	
Cystectomy.	1
Uretero-sigmoidostomy.	5
Fistula, recto-vaginal	
Plastic.	1
Foreign body in vagina	
Ether examination.	1
Hematuria, cause undetermined	
Cystoscopy.	3
Hydrocele	
Excision.	33
Hydronephrosis	
Cystectomy with pyelograms.	1
Cystoscopy.	1
Cystoscopy with pyelograms.	7
Cystotomy with excision.	1
Exploration.	3
Freeing of adhesions.	1
Nephrectomy.	1
Nephrectomy and appendectomy.	1
Pyelograms.	3
Hypospadias	
Dilatation.	1
Plastic.	2
Incontinence of urine	
Uretero-sigmoidostomy.	2
Phimosis	
Circumcision.	19
Pyelonephritis	
Cystoscopy.	1
Cystoscopy with pyelograms.	3
Suprapubic cystotomy and plastic.	1
Stricture, ureter	
Cystoscopy with pyelograms.	2
Exploration with freeing of adhesions.	1
Freeing of adhesions.	2
Stricture, urethra	
Dilatation.	4
Gas dressing.	1
Suprapubic cystotomy, urethrotomy and plastic.	1
Stricture, uretero-vesicle orifice	
Cystoscopy with pyelograms.	2

Operations of the Genito- Urinary System—(Continued)

Exploration	1
Tumors of genito-urinary tract	
Biopsy	1
Biopsy with partial excision	1
Cystoscopy with ether examination	1
Excision	1
Nephrectomy	1
Orchidectomy	1

147

Operations of the Cardio-Vascular System

Heart disease	
Angio-cardiogram and exploration	1
Pericardiostomy and esophagoscopy	1
Idiopathic enlargement of heart, syncope	
Pneumoencephalogram	1
Patent ductus arteriosus	
Angio-cardiogram	2
Ligation	15
Varicose veins	
Ligation	1

21

Operations of the Lymphatic System

Cyst, lymphatic	
Excision	1
Hemangio-lymphangioma	
Biopsy	1
Hygroma	
Excision	5
Hyperplasia of lymphnodes	
Biopsy	1
Lymphadenitis	
Incision and drainage	7
Lymphadenitis, mesenteric	
Appendectomy and biopsy	1
Exploration and biopsy	1
Lipocondrodystrophy	
Splenectomy and biopsy	1
Lymphangiectasis	
Plastic	1
Lymphangioma	
Excision	6
Incision and marsupialization	1
Resuturing of wound	1
Supra-clavicular lymphnode	
Excision	1

28

Operations of the Nervous System

Abscesses, cerebral	
Bone flap, partial, with drainage.....	1
Bone flap and ventriculostomy.....	1
Burr holes with drainage.....	1
Debridement.....	1
Decompression.....	1
Exploration.....	2
Incision and drainage.....	1
Needling.....	1
Removal of frontal lobe with drainage.....	1
Ventriculogram.....	1
Ventriculogram with x-rays.....	2
Anomaly of central nervous system	
Bone flap.....	1
Decompression.....	2
Encephalogram.....	2
Ventriculogram, bone flap and exploration.....	1
Athetosis	
Bone flap with excision.....	2
Bone flap with stimulation.....	1
Excision.....	1
Atrophy, cerebral	
Pneumo-encephalogram.....	1
Ventriculogram, encephalogram and x-rays.....	1
Atrophy, cortical	
Encephalogram, burr holes and ventriculogram.....	1
Birth injury	
Burr holes.....	1
Exploration.....	1
Pneumo-encephalogram.....	1
Brain tumor	
Bone flap.....	4
Bone flap with excision.....	1
Bone flap with exploration.....	1
Burr holes.....	3
Burr holes and encephalogram.....	1
Burr holes and ventriculogram.....	1
Craniectomy and cranioplasty.....	1
Craniotomy with evacuation.....	3
Encephalogram and ventriculogram.....	1
Evacuation.....	3
Exploration.....	5
Exploration and biopsy.....	1
Incision and drainage.....	1
Ventriculography.....	2
Compression of cauda equina	
Laminectomy.....	1
Convulsions	
Bone flap with stimulation.....	1

Operations of the Nervous System—(Continued)

Burr holes	1
Convulsive disorder	
Bone flap, partial, with encephalo-ventriculogram	1
Bone flap, partial, with stimulation and excision	2
Burr holes	1
Encephalogram	1
Lumbar puncture and ventricular tap	1
Pancreatectomy, splenectomy and biopsy	1
Pneumo-encephalogram	1
Cyst, dermoid, of dura	
Excision	1
Disease undiagnosed, brain tumor suspected	
Burr holes	4
Encephalogram	1
Exploration	2
Encephalitis	
Burr holes	2
Burr holes with decompression	1
Burr holes with lumbar puncture	1
Encephalogram	2
Excision	1
Encephalopathy, cause unknown	
Bone flap with ventriculogram	1
Burr holes	2
Burr holes and encephalogram	2
Decompression	1
Encephalogram	7
Ventriculogram	2
Epilepsy	
Burr holes	2
Craniotomy	1
Encephalogram	7
Ventriculogram	1
Glioma	
Bone flap	1
Headache with disturbance of vision	
Pneumo-encephalogram	1
Hematoma, subdural	
Bone flap	10
Bone flap with excision	5
Burr holes	21
Burr holes and bone flap	2
Craniotomy	1
Encephalogram	1
Sequestrectomy	1
Hatomyelia, cervical cord	
Laminectomy	1
Hemiparesis	
Burr holes	1

Operations of the Nervous System—(Continued)

Hemorrhage, intracranial	
Bone flap.	1
Burr holes.	1
Partial scalp flap.	2
Hydrocephalus	
Burr holes.	1
Craniotomy.	1
Encephalogram.	5
Exploration.	8
Removal of drainage tube.	1
Torkildsen procedure.	1
Ventricular tap.	2
Ventriculostomy.	4
Ventriculostomy with coagulation of adhesions.	1
Intracranial calcification	
Pneumo-encephalogram.	1
Lipoma of cauda equina	
Excision.	1
Meningitis	
Subtemporal decompression and bone flap.	1
Ventriculogram.	1
Encephalocele	
Excision.	4
Myelitis, transverse	
Laminectomy, freeing of adhesions and biopsy.	1
Neurofibroma	
Excision.	1
Palsy, cerebral	
Pre-motor cortical excision and bone flap.	2
Papilloma of choroid plexus	
Bone flap with excision.	1
Paralysis, facial, post-traumatic	
Burr holes.	1
Exploration.	2
Paralysis, urinary bladder	
Laminectomy with freeing of adhesions.	1
Uretero-sigmoidostomy.	1
Penetrating wound of sciatic nerve	
Exploration.	1
Suturing.	2
Spina bifida occulta	
Laminectomy.	5
Lumbar exploration with lysis of adhesions.	1
Spina bifida with encephalocele	
Excision.	1
Spina bifida with meningocele	
Excision.	11
Laminectomy with excision.	1
Spina bifida with myelomeningocele	
Excision.	3

Operations of the Nervous System—(Continued)

Varix of cerebral vein	
Bone flap.....	1
Burr holes.....	1
Vertigo	
Encephalogram.....	1
Exploration.....	1

229

Operations of the Skin

Abscesses	
Incision and drainage.....	31
Angio-endothelioma	
Biopsy.....	1
Excision.....	1
Burns	
Debridement.....	9
Debridement and tanning.....	3
Plastic.....	1
Plastic and Thiersch graft.....	1
Raising rope graft and transplant.....	1
Thiersch graft.....	4
Thiersch graft and excision.....	1
Cellulitis	
Incision and drainage.....	3
Cicatrix	
Dressing.....	1
Plastic.....	2
Thiersch graft.....	3
Thiersch graft with excision.....	2
Cysts of skin	
Excision.....	4
Foreign body	
Removal.....	1
Furunculosis	
Incision and drainage.....	3
Hemangioma of skin	
Endothermy.....	4
Excision.....	11
Snow treatment.....	2
X-ray treatment.....	3
Lacerations	
Cleansing and dressing.....	1
Debridement and exploration.....	1
Debridement and suturing.....	8
Ether examination.....	1
Irrigation and suturing.....	8
Lysis of adhesions.....	1
Plastic repair.....	1
Reduction, fluoroscopic.....	1

Operations of the Skin—(Continued)

Suturing.....	19
Molluscum contagiosum	
Excision and evacuation.....	1
Paronychia	
Incision and drainage.....	1
Splinter, forearm	
Removal.....	1
Tumors of skin	
Biopsy.....	1
Excision.....	8
Excision and Thiersch graft.....	1
Ulcer	
Thiersch graft.....	1
Wringer arm	
Closure, complete.....	1
Incision and drainage.....	10
Thiersch graft.....	2
Wringer hand	
Incision and drainage.....	1
Xanthoma	
Curettage.....	1

161

Operations of the Bones and Joints

Bone cyst of humerus	
Curettage.....	1
Congenital anomaly of bone	
Excision.....	3
Plastic.....	5
Contracture	
Straightening.....	1
Ewing's tumor	
Biopsy.....	1
Exostosis	
Excision.....	2
Foreign body in knee	
Removal.....	1
Fractures	
Application of plaster.....	2
Burr holes.....	4
Cranioplasty.....	2
Debridement.....	2
Elevation.....	4
Insertion of Kirschner wires.....	3
Manipulation.....	1
Manipulation and application of plaster.....	1
Manipulation and reduction.....	1
Reduction, closed.....	22
Reduction, fluoroscopic.....	5

Operations of the Bones and Joints—(Continued)

Reduction, open.	1
Removal of wires.	1
Removal of wires and application of plaster.	2
Injury to wall of sigmoid	
Exploratory laparotomy with plication.	1
Lipomatosis	
Biopsy.	1
Osteomyelitis	
Bone flap with excision.	1
Gas dressing and curettage.	1
Incision and drainage.	7
Incision and drainage and partial sequestrectomy.	1
Sequestrectomy.	2
Septic joint	
Incision and drainage.	5
Incision and drainage and marsupialization.	1
Marsupialization.	1
Sequestrum formation of mandible	
Tooth extraction and sequestrectomy.	1
Trigger finger	
Freeing of adhesions.	1
Tumor of finger	
Biopsy.	1

89

Operations of the Muscles, Tendons and Fascia

Division of tendons	
Repair.	1
Ganglion	
Excision.	5
Hematoma, sternocleidomastoid muscle	
Removal.	1
Hernia, diaphragmatic	
Bronchoscopy.	1
Herniorrhaphy.	5
Removal of sutures.	1
Hernia, epigastric	
Herniorrhaphy.	1
Hernia, incisional	
Herniorrhaphy.	4
Hernia, inguinal	
Herniorrhaphy.	177
Herniorrhaphy with exploration.	2
Herniorrhaphy with reduction.	2
Hernia, umbilical	
Herniorrhaphy.	22
Hernia into cord	
Excision.	1

Operations of the Muscles, Tendons and Fascia—(Continued)

Omphalocele		
Repair	3	
Severed extensor tendon		
Irrigation, debridement and suturing	1	
		<hr/> 227

Operations of the Eye and Ear

Anomaly of ear (not lop ear)		
Excision	1	
Plastic	3	
Anomaly of eye		
Bone flap	1	
Bone flap with exploration	1	
Excision	2	
Evisceration	1	
Fascial sling	1	
Lop ears		
Plastic	7	
Otitis media		
Myringotomy	1	
		<hr/> 18

Operations of Systemic Diseases, Hospital

Complications and Miscellaneous

Ingrowing toenail		
Radical cure	2	
Leukemia		
Splenectomy and biopsy	1	
Pancytopenia		
Biopsy	1	
Purpura, thrombocytopenic		
Splenectomy	2	
Sinus, branchiogenic		
Endothermy	1	
Excision	2	
Sinus tract		
Excision	1	
Tuberculosis, pulmonary		
Excision	1	
Retrograde pyelograms	1	
Retrograde pyelograms and cystoscopy	1	
		<hr/> 13
Total number of operations	1,438	
Total number of anesthetics on Surgical Ward	1,112	
Total number of anesthetics on Private Ward	753	
		<hr/>
Total	1,865	

EAR, NOSE AND THROAT DEPARTMENT

DURING the year 1941 the work of the Ear, Nose and Throat Service has progressed, for the most part, along the lines of its usual endeavors. As with any hospital service, there is always a certain amount of routine work; and for us the tonsil, adenoid, and mastoid cases comprise the great bulk of our admissions. One definite advance of treatment, which is the result of rapidly increasing strides made in the field of chemotherapy, has been in the care of cases of acute mastoiditis. During the last four months of the year, we have been conducting comparative studies on cases treated by the usual standard methods and those treated by a newer technique, which utilizes our steadily improving knowledge of the sulfonamide drugs. As yet, our results are not ready for publication, but we have definite evidence that in most cases we can reduce by 50 per cent the convalescent period of mastoid patients so treated. This is an important factor, not only as regards the individual patient, but also from a general economic point of view. As this type of case ordinarily remains in the hospital for a relatively long period, the considerably shortened stay means a definite financial benefit to the individual and to the hospital as well. It also means an increased turn-over of cases, with a greater facility for treating a larger number of patients, many of whom of necessity had to be referred to other institutions. This work has been of such general interest that we have been honored by personal visits of the chiefs of service of two leading Boston hospitals, who were pleased with our results and planned to try the newer method for themselves.

Through the generosity of the hospital, the addition to our Service of two important pieces of apparatus has increased the efficiency of our work. With our new 1941 Maico audiometer, we are now able to carry out a much more satisfactory study of cases of deafness. This is of tremendous importance, as it is only by discovering early cases of deafness, coupled with the prompt institution of appropriate treatment, that we are able to save many children from severely handicapped lives. The other instrument which has been added to our equipment is the electric nasopharyngoscope, which is also utilized in the study of deafness.

In order to do satisfactory hearing tests, however, we should have a sound-proof room for this equipment. Plans for this room, as well as for the improvement of our operating suite and office layout, have been carefully considered, but of necessity had to be postponed "for the duration." There is no doubt but that our Out-Patient Department is in dire need of remodeling, and we do not have sufficient equipment for a satisfactory ear, nose and throat examination. However, these plans must now be relegated to a minor position as the defense program progresses.

The teaching has continued somewhat as during previous years. Each one of six separate sections of the third-year class of Harvard Medical students is given two didactic lectures and two informal sessions of ward teaching. In this program we have tried to stress several of the ear, nose and throat problems pertaining more especially to children. This should supplement the instruction in otolaryngology which is given at the School and at the Eye and Ear Infirmary.

From January 1 to July 1, Dr. Wayne Y. H. Ho of Shanghai, China was our resident. On July 1, Dr. Charles A. Tucker came to us from the Peter Bent

Brigham Hospital, for a one-year appointment. We are very fortunate in having Dr. Tucker with us at this time, as he has generously consented to stay beyond his regular appointment during this current period of crisis. Under present circumstances, our interne staff now changes every month, which means that each individual man obtains relatively little actual experience. It is, therefore, more important than ever to have a resident remain for at least a year. We are doing our best to keep up the work of the Service, and frequent changes of personnel always create difficult problems.

Dr. Carlyle G. Flake, chief of the Service, has been called to active duty with the U. S. Army, General Hospital No. 5, effective early in 1942. This is a great loss to the Service and we trust that his absence will not be for long. We are proud to have our Service represented in the Hospital Unit. In the meantime, we shall attempt to carry on the work which Dr. Flake has been doing, and look forward to his early return.

CHARLES F. FERGUSON, M.D.

THROAT OPERATING ROOM REPORT

1941

Operations on Nose and Accessory Sinuses

Plastic to nose.	1	
Removal of foreign body in nose.	1	
Reduction of fractured nose.	2	
Ethmoidectomy.	3	
Ethmoidectomy, radical.	1	
Antrotomy.	4	
Removal of nasal spur.	1	
Nasal polypectomy.	1	
Exploration frontal sinus.	1	
Trephine frontal sinus.	1	
Removal of maxillary tumor.	1	
Antrum irrigations.	5	
Submucous resection.	8	
Incision and drainage of orbital abscess.	1	
		<hr/> 31

Operations on Pharynx and Nasopharynx

Tonsillectomy and adenoidectomy (Ward and Private).	193	
Adenoidectomy (Ward and Private).	39	
Bleeders (Ward and Private).	3	
Tonsillectomy and adenoidectomy (Clinic).	447	
Adenoidectomy (Clinic).	40	
Bleeders (Clinic).	6	
Incision and drainage of retropharyngeal abscess.	5	
Exploration of the retropharyngeal space.	1	
Incision and drainage of peritonsillar abscess.	1	
Removal of foreign body in pharynx.	1	
Nasopharyngoscopy.	3	
Nasopharyngoscopy with removal of adenoids.	3	
		<hr/> 742

Operations on Larynx and Trachea

Laryngoscopy.....	26
Removal of foreign body in larynx.....	1
Excision of laryngeal papilloma.....	2
Incision of laryngeal cyst.....	1
Laryngoscopy with excision of cyst.....	11
Laryngoscopy with insertion of core mold.....	3
Laryngeal dilatation.....	10
Tracheotomy.....	10

64

Operations on the Esophagus and Bronchus

Esophagoscopy.....	7
Esophagoscopy with removal of foreign body.....	11
Esophagoscopy with injection of varicosities.....	6
Esophageal dilatation.....	23
Bronchoscopy.....	13
Bronchoscopy with lipiodol injection.....	43
Bronchoscopy with removal of foreign body.....	8

111

Operations on the Ears

Mastoidectomy—simple (post-aural).....	73
Mastoidectomy—simple (endaural).....	21
Mastoidectomy—radical.....	2
Repair of mastoid fistula.....	2
Revision of mastoidectomy.....	3

101

Operations, Miscellaneous

Tonsillectomy and adenoidectomy and circumcision.....	1
Plastic to lingual frenulum.....	1
Lysis of lingual adhesions.....	1
Manipulation and plasters.....	1

4

Total number of operations.....

1,053

THROAT DISEASES TREATED IN THE WARDS

1941

Diseases of the Nose and Accessory Sinuses

	New	Old
Deflation of septum.....	12	2
Epistaxis.....	3	
Ethmoiditis, acute.....	4	
Foreign body in nostril.....	1	
Fracture of nasal bone.....	4	1
Furuncle of nostril.....	3	
Osteoma, maxillary sinus.....	1	
Polyp, nasal.....	2	
Rhinitis.....	3	
Sinustis.....	18	1
	51	4

Diseases of the Pharynx and Nasopharynx

Atresia, nasopharyngeal, partial.	1	1
Foreign body in hypopharynx.	1	
Hemorrhage, nasopharyngeal.	1	
Hemorrhage, post-operative tonsillectomy and adenoidec- tomy bleeding.	19	
Hypertrophied adenoids.	55	
Hypertrophied tonsils and adenoids.	577	2
Nasopharyngitis.	3	
Pharyngitis.	14	
	<hr/>	<hr/>
	671	3

Diseases of the Ear

Cholesteatoma.	1	
Deafness.	2	1
Fistula, mastoid.		1
Mastoiditis.	105	7
Otitis media.	148	22
Thrombosis, lateral sinus.	2	
	<hr/>	<hr/>
	259	31

Diseases of the Larynx and Trachea

Anomaly of aryteno-epiglottic fold.	5	
Laryngitis.	10	
Laryngo-tra heitis, acute.	16	
Laryngo-tracheo-bronchitis, acute.	7	
Obstruction, laryngeal.	2	
Papilloma, larynx.		4
Stenosis of larynx.	1	
Stenosis of trachea.	1	
Stridor, laryngeal.	6	3
Tumor of larynx.	1	
	<hr/>	<hr/>
	49	7

Diseases of the Esophagus and Bronchus

Atelectasis.	5	1
Bronchiectasis.	6	1
Bronchitis.	6	1
Deformity of bronchus.	1	
Foreign body in bronchus.	4	
Foreign body in esophagus.	9	1
Stricture, esophageal.	2	12
Varices, esophageal.		2
	<hr/>	<hr/>
	33	18

Diseases, Miscellaneous

Abscesses	27	1
Adhesions, preputial	1	
Alopecia aerata	1	
Angina, Ludwig's	1	
Ankyloglossia	1	
Aplasia of arm	0	
Asthma	1	
Burn, lip and tongue	1	
Cellulitis	10	
Cleft palate	1	
Common cold	9	
Congenital heart disease	3	
Croup	1	
Cyst, buccal membrane	1	
Cyst, orbit	1	
Cyst, vallecula	1	
Deficiency, mental	1	
Dental caries	1	
Diphtheria	1	
Drug reaction	1	
Feeding problem in childhood	1	
Glossitis	1	
Granuloma, pelvis		1
Hairy nevus of back	1	
Harelip and cleft palate		1
Hemophilia	1	
Hernia	1	1
Herniation of lung into neck	1	
Hoarseness	2	
Hyperplasia of mandible	1	
Hypospadias		1
Ichthyosis	1	
Laceration	1	
Leukemia	1	
Lymphadenitis	13	1
Macroglossia	1	
Marasmus	1	
Measles	3	
Micrognathia	1	
Nephritis	1	1
No disease	7	1
Paralysis, facial, transient	1	
Paralysis, post-poliomyelitis		1
Paronychia	1	
Persistent second lingual frenulum	1	
Phimosis	2	
Pneumonia	6	2
Pneumonitis	1	
Polydactylism	1	

Diseases, Miscellaneous—(Continued)

Post-operative tonsillectomy and adenoidectomy fever.	7	
Prematurity.	1	
Pylorospasm.	1	
Pyrexia.	1	
Rickets.	2	
Scarlet fever.	3	
Scoliosis.		1
Seborrhea capitis.	1	
Strabismus.	1	1
Syphilis.	1	
Thyroid, probably enlarged substernal.		1
Tuberculin reactor.	1	
Tuberculosis.	1	
Vincent's infection of gums.	1	
Webbed toes.	1	
Wringer arm.		1
	<hr/> 130	<hr/> 15
Number of cases on Throat Ward.	879	
Number of cases on Private Ward.	677	
<i>Total.</i>	<hr/>	1,556
New Cases.	1,193	
Secondary Diagnosis.	78	
<i>Total.</i>	<hr/>	1,271

THROAT OUT-PATIENT DEPARTMENT REPORT

1941

Diseases of Nose and Accessory Sinuses

Abrasion, nose.	13	
Asymmetry, nose.	1	
Contusion, nose.	13	
Deviated septum.	18	
Epistaxis.	38	
Fissure, nasal.	1	
Foreign body, nose.	17	
Fracture, nose.	5	
Hematoma, septal.	2	
Laceration, nose.	2	
Obstruction, nasal.	3	
Rhinitis.	21	
Sinusitis.	34	
Spur, cartilage of nasal septum.	3	
Turbinates, hypertrophied.	1	
	<hr/>	172

Diseases of Nose and Accessory Sinuses—(Continued)

Abscess, peritonsillar	3
Abscess, pharyngeal	1
Adenoid tabs	1
Adenoids, hypertrophied	42
Foreign body, throat	2
Laceration, tonsil	1
Nasopharyngitis	14
Pharyngitis	18
Tonsillar tabs	4
Tonsillitis	27
Tonsils, hypertrophied	11
Tonsils and adenoids, hypertrophied	316

440

Diseases of the Ear

Abscess, post-aural	1
Adenitis, preauricular	1
Adenitis, post-auricular	2
Cerumen	22
Eustachian tube obstruction	2
Fistula, post-aural	1
Foreign body, ear canal	9
Furuncle, ear canal	16
Granulation tissue in ear canal	1
Mastoiditis	18
Myringitis	1
Otalgia	3
Otitis externa	8
Otitis media	352
Otorrhea	1
Polyp, ear	1

439

Diseases of the Larynx and Trachea

Laryngitis	1
Laryngeal paralysis	1
Tracheitis	1
Tracheo-bronchitis	3

6

Diseases of the Esophagus and Bronchus

Bronchiectasis	3
Bronchitis	2
Foreign body, esophagus	2

7

Diseases, Miscellaneous

Abscess, alveolar	1
Adenitis, cervical	13
Adenitis, occipital	2
Angina, Ludwig's	1
Caries, dental	1
Cellulitis	1
Constipation	1
Cyst, thyroglossal duct	1
Defective speech	2
Dehydration	1
Dermatitis	3
Diarrhea	1
Ecchymosis, eye, nose	2
Eczema	2
Enlarged thymus	1
Epilepsy	1
Foreign body, gastro-intestinal tract	6
Fungus infection	4
Furunculosis	3
Habit spasm	1
Hemangioma	1
Impetigo	1
Keloid	1
Macroglossia	1
Measles	2
Mental retardation	1
Mumps	2
Neuralgia	1
Pertussis	1
Redundant foreskin	1
Scarlet fever	1
Stomatitis	2
Strabismus	1
Upper respiratory infection	35
	<hr/>
	99

Eloped	3
Deferred	12
No disease	38
Not seen	2
	<hr/>
	55

New cases	323
Old cases	2,363
Transfers	693

Total 3,379

PRIVATE WARD THROAT OPERATING ROOM REPORT

1941

Tonsillectomy and adenoidectomy.....	556
Tonsillectomy and adenoidectomy and laryngoscopy.....	1
Tonsillectomy and adenoidectomy and removal of turbinates....	1
Tonsillectomy and adenoidectomy with catheterization of eustachian tubes.....	1
Tonsillectomy.....	7
Adenoidectomy.....	42
Adenoidectomy with paracentesis.....	2
Adenoidectomy with cauterization of turbinates.....	2
Adenoidectomy with laryngoscopy.....	1
Adenoidectomy with tenotomy.....	1
Adenoidectomy with removal of tonsil tabs.....	1
Mastoidectomy.....	33
Reduction of fractured nose.....	3
Incision and drainage, retropharyngeal abscess.....	2
Incision and drainage, post-aural abscess.....	3
Bronchoscopy.....	5
Post-operative suturing tonsillectomy and adenoidectomy.....	2
Tracheotomy.....	1
Esophagoscopy.....	4
Reduction of fracture, middle turbinate.....	1
Antrum puncture and irrigation.....	1
Laryngoscopy.....	4
Submucous resection.....	2
Submucous resection, partial, with removal of adenoid and tonsil tabs.....	1
Cauterization of nose.....	2
Exploration of jugular vein.....	1
Post-operative adenoid bleeding.....	3
Spontaneous post-nasal bleeding.....	1
Tenotomy.....	2
Removal aural polyps.....	1
Incision and drainage of cervical adenitis.....	1
Excision, cyst of lid.....	1

Total number of operations.....

689

REPORT OF THE ORTHODONTIA AND DENTAL DEPARTMENTS

THE Orthodontia and Dental Departments of the hospital continue to grow in their personnel and scope of work, and next year's report will contain details regarding expansion of space, and I hope a further expansion of personnel.

During the past year the staff of the clinic was increased by three new members: Dr. Paul Gilpatrick, General Dentistry; Dr. Henry Beebe, Orthodontist; and Mrs. Mitton, Chair Assistant.

One of the department's big problems has been to obtain adequate general dental care, fillings, extractions, etc., for the cleft palate child. However, this problem was solved when Dr. Paul Gilpatrick joined the staff late in 1940.

Dr. Gilpatrick is rapidly catching up with the caries in the mouths of children receiving orthodontic treatment, and in a short time all the children will present a clean bill of dental health.

In September 1941, Dr. Henry Beebe, an orthodontist, joined the staff, which of course, allows us to accept more children for orthodontic treatment.

With the addition of Dr. Beebe to the staff the department was faced with the problem of four operators, one interne, and only three dental chairs.

One solution of the problem was for part of the operators to work on alternate days. Since co-operation and general consultation regarding procedures of treatment produce the best results, the only solution of the problem was to obtain additional funds with which to purchase more dental equipment, more space, and thus keep all the operators in attendance on the same day.

This problem was presented to Ex-Governor Huntley Spaulding of New Hampshire and through his generous gift of \$1000 received in November 1941, the department will be able to accomplish this desired expansion, details of which will appear in the 1942 report.

The Clinic was visited by a committee from the Public Health Department of the State of Connecticut, seeking advice and assistance regarding procedures they should adopt in establishing a similar service in the State of Connecticut.

Also, Dr. Walter Ellis representing the State of New York, Buffalo District, sought the Departments assistance in establishing a clinic for the orthodontic treatment of children having a cleft palate.

The material and facilities for dental and orthodontic research at the hospital are unlimited, but almost wholly untouched due to a complete lack of funds to properly pursue such research.

Ways and means should be found somewhere, and soon, to take full advantage of the opportunity presented to advance the knowledge of dental ill health for the benefit of all concerned.

Miss Segal's service in speech training is eagerly accepted by the patients and parents, and she now gives two mornings a week to the hospital.

Total number of visits for speech correction.	220
Number of new patients.	14
Total of active cases.	29
Total number of visits for orthodontia.	579
Total failed to keep appointments.	181
New cases for active treatment.	8
Total of active cases, which varies from month to month approximates.	65

In addition a number of children are under observation and report to the clinic once or twice a year for examination.

HARRY W. PERKINS, D.M.D.

REPORT OF THE DEPARTMENT OF STOMATOLOGY

THE clinical activities of this department have included, as in the past, the routine dental care of patients, particularly those remaining in the hospital over long periods. The orthopedic ward has received particular attention. Consultation service for all divisions of the hospital including the out-patient department has been more extensive than in past years. Assistance has been given in the surgical treatment of congenital malformations, infections, and neoplastic processes involving the jaws. The designing and building of prosthetic appliances to restore lost function and to improve the appearance of these child patients has been undertaken to a greater extent than formerly.

The research activities of the department have centered about a continuing study of the growth and development of the jaws and teeth and with the effects of various diseases on these processes. This project has been greatly aided by the co-operation of the Department of Pathology. A report, "Natural Vital Staining of Human Teeth," was published during the year.* This work was being developed further by Dr. Maurice Dinnerman at the time he was called into service with Base Hospital No. 5. Dr. Herman DeWilde has been studying the tooth germs in congenital syphilis, and Dr. Charles Campelia is preparing for publication a report on primary carcinoma involving the mandible and tooth germs.

PAUL E. BOYLE, D.M.D.

**Am. J. Orthodontics & Oral Surg.* 27: 377, 1941.

STATISTICAL REPORT

Statistical Report

Consultations, O.P.D.....	62
Consultations, house.....	76
Cases for clinical study.....	20
Restorations (metal fillings in teeth).....	53
Dental treatments.....	164
Extractions, secondary teeth.....	22
Extractions, primary teeth.....	53
Extractions under general anesthesia.....	13
Prophylactic cleanings.....	29
Dental x-ray films.....	234
Corrective appliances.....	8
Follow-up examinations.....	88
Stomatitis treatment.....	15

REPORT OF THE BACTERIOLOGY LABORATORY

PERFORCE of necessity, the personnel of the Bacteriology Laboratory was reorganized during 1941. The head technician, Miss Marian Sweet, left because of illness, and the demands of the national emergency placed the services and training of the two house officers appointed to the laboratory for periods of six months to one year in the luxury class. Their places were well taken by Mrs. Helen Foley and Mrs. Margaret Wolf. In addition to two medical students,

Mr. David Speer and Mr. Arthur Graves, alternated in covering the laboratory needs of the Hospital from 5:00 p.m. to 8:00 a.m. and on holidays.

An effort was made to simplify the work of the laboratory and to reduce certain analyses to the minimum required for a thorough understanding of the patients' illness. This effort met with appreciable success. The total number of analyses fell off 24 per cent in 1941 from the previous all-time high of 1940. The decline resulted in part from greater familiarity and success with chemotherapeutic drugs and in part from conscientious efforts by the physicians to reduce the number of requisitions. Only two items showed an increase, that of blood groupings and Hinton tests on the blood of donors.

It is earnestly hoped that when peace returns, the laboratory will once more be able to secure the services of recent graduates of medical schools for routine and research work, preparatory to clinical duties on the wards of the Hospital. We have in the past been unusually fortunate in securing men of ability whose ideas were a never-ending source of stimulation to progress. The benefit of their laboratory experience has been invariably in evidence in their work on the wards.

JOHN A. V. DAVIES, M.D.

ANNUAL REPORT OF THE BACTERIOLOGY LABORATORY

For the year ended December 31, 1941

Cultures from

Blood.....	799	
Spinal fluid.....	938	
Surgical and miscellaneous specimens.....	4,367	
Feces.....	527	
Urine.....	1,157	
Guinea pig inoculations.....	121	
Agglutinations.....	104	
Pneumococcus typing.....	33	
		<hr/> 8,046

Clinical Pathology

Routine urine.....	2,917	
Blood		
Hemoglobin estimation.....	1,330	
Red cell counts.....	1,484	
White cell counts.....	2,399	
Differential counts.....	1,160	
Bleeding time estimation.....	24	
Clotting time estimation.....	25	
Blood groupings.....	525	
Hinton tests.....	941	
Spinal fluid examinations.....	100	
Feces examinations.....	26	
Electrocardiograms.....	457	
Basal metabolism tests.....	71	
Sedimentation rates.....	283	
Miscellaneous.....	11	
		<hr/> 11,753
<i>Total examinations.....</i>		19,799

ROENTGENOLOGICAL DEPARTMENT

105

REPORT OF THE ROENTGENOLOGICAL DEPARTMENT

THE year 1941 has witnessed several changes in the Department of Roentgenology. Dr. George M. Wyatt, Roentgenologist to the Hospital since 1939, whose interest and enthusiasm has been responsible for many of the recent advances and improvements in the department tendered his resignation so that he might enter the private practice of Radiology. Dr. Edward B. D. Neuhauser, formerly of the Hospital and Medical School of the University of Pennsylvania has been appointed to succeed him.

A modern X-ray therapy machine has been installed to replace an outmoded and inefficient one. This new unit is highly flexible and as it is designed to operate at 200,000 volts is an effective weapon against the deep seated tumors that are unfortunately all too common in children. The department now has facilities to administer Roentgen therapy to all types of lesions from the most superficial wart to the most deeply placed intracranial or abdominal tumor. During the past year almost 150 more treatments were given than in 1940 and we feel that each treatment has been a more effective one.

Every effort is being made by the staff of the department of Roentgenology to reduce the cost of diagnostic examinations. By careful work on the part of the technicians the total number of films used during the past year has decreased although the total number of patient visits is again greater than the preceding year.

The department continues to assist in the research problems of the hospital and at the same time to answer the ever increasing demand for routine diagnostic examination and treatment.

EDWARD B. D. NEUHAUSER, M.D.,
Roentgenologist

TABULATION OF PATIENTS *Out-Patient Department*

	1940	1941
Medical.....	2,243	2,110
Surgical.....	1,291	1,307
Orthopedic.....	1,429	2,061
Throat.....	171	172
<i>Total</i>	5,134	5,650

Ward

	1940	1941
Medical.....	1,134	768
Surgical.....	1,212	1,078
Orthopedic.....	831	983
Throat.....	252	267
<i>Total</i>	3,429	3,091

Infants.....	999	800
Private.....	1,324	1,425
Bader Building.....	229	249
Isolation.....	59	76
Miscellaneous.....	138	50
Doctors.....	50	64
Nurses.....	277	262
Employees.....	223	307
<i>Total.....</i>	<i>3,299</i>	<i>3,233</i>
Total patient visits.....	12,470	12,725
Total treatments.....	608	751
Total diagnostic visits.....	11,862	11,974
Total diagnostic examinations.....	14,647	14,407
Total diagnostic exposures (films).....	35,990	35,571

REPORT OF PHYSICAL THERAPEUTICS DEPARTMENT

THERE have been several changes and a number of difficult periods in the program of the Physiotherapy Department during the year.

Arrangements have been made to care for patients from the general morning clinics on five days a week instead of three. This has made it possible to give better attention to the increased number of cases.

The appointment system in the Scoliosis and Posture Clinic helped somewhat in obtaining more regular attendance from the children who were advised to carry out special exercise programs in order to improve their body mechanics. Discontinuance of follow-up correspondence has also cut down the considerable number of cases whose irregular attendance and lack of home co-operation made their occasional visits a waste of time for all concerned. The practice of applying temporary casts which are changed frequently, rather than using more elaborate and expensive apparatus, was continued for economic reasons.

A drop from the previous year of more than 500 in the number of ultra-violet light treatments given was due to the dismantling of the Bader solarium and its replacement by a Functional Training Room for badly handicapped infantile paralysis cases.

In the Fall, the number of recent polio cases on the wards taxed the facilities of the department to the uttermost.

Increased use of hot packs in the early stages of the disease, the number of cases for daily pool treatment, and the length of time required for removal of splints and treatment, made it impossible to give each individual as much attention as is advocated in the new methods of physiotherapy treatment. However, the actual number of pool treatments given to house patients was considerably higher than in 1940.

The staff was further handicapped by a shortage of experienced student workers at the time when their assistance was most needed.

Co-operation of the department in the Boston Emergency Defense Course for training physiotherapy aides for service in Army hospitals, resulted in an entire change of schedules for the physiotherapy students from Harvard Medical School. A condensed curriculum in six months instead of nine, and the necessity

for a joint program with a similar group of students at Sargent College, made it impossible to depend on assistance from them for several months in the Fall. This situation will continue to cause difficulty as long as these Emergency courses are in progress.

The spring and summer courses were given as usual, and included four scholarship nurses from the National Organization of Public Health Nursing.

Extensive repairs were made to the filter system of the pool during the summer.

Massage courses were given to classes in the Training School for Nurses and in return courses in bandaging and minor dressings were given the physiotherapy students by the School of Nursing staff.

JANET B. MERRILL

DEPARTMENT OF PHYSICAL THERAPY STATISTICS

1941

<i>Hospital Wards</i>	<i>General Light</i>			<i>General</i>			<i>Total</i>
	<i>P.T. Cases</i>	<i>Therapy Cases</i>	<i>Pool Cases</i>	<i>P.T. Treat-ments</i>	<i>Light Treat-ments</i>	<i>Pool Treat-ments</i>	
Orthopedic.	120	5	37	3,446	18	2,379	5,843
Surgical.	7	5	0	125	143	0	268
Medical.	32	0	1	332	0	1	333
Neuro-Surgical.	4	2	0	12	20	0	32
Neurological.	1	1	0	1	15	0	16
Private.	10	1	6	55	3	332	390
Infants' Hospital.	3	0	0	8	0	0	8
Staff.	1	5	0	3	61	0	64
Isolation.	5	0	0	103	0	0	103
Throat.	1	0	0	12	0	0	12
Training School.	11	2	0	75	8	0	83
Employee.	2	0	0	20	0	0	29
	197	21	44	4,192	268	2,712	7,181

O. P. D.

H. I. P. C.	29	731
Private.	5	153
	34	884

O. P. D.

Orthopedic.	241	2,713
Arthritis.	20	33
Surgical.	12	50
Private.	2	16
Neuro-Surgical.	1	50
Medical.	2	2
Scoliosis.	299	2,229
H. I. P. C.	864	4,916
Neurological.	207	3,453
	1,648	13,462

DISEASES RECEIVING PHYSICAL THERAPY

1941

I. Congenital Malformations

	O.P.D.	House	Adult
Anomalies.	10	7	
Arthrogryposis.	1	1	
Chest deformity.	1		
Cavus foot.		2	
Club feet.	16	4	
Deformed foot.		1	
Dislocation of hips.	29	5	
Kyphos.	1		
Spina Bifida.	8	5	
Sprengel's deformity.	4	1	
Scoliosis.	31	1	
Torticollis.	44	7	

II. Deformities and Disabilities Following Injury or Disease

Claw foot.	1		
Coxa plana.		5	
Coxa vara.	1		
Dislocations, sprains, injuries.	10	3	11
Flat feet.	1		
Fractures.	7	2	2
Peroneal spasm.		1	
Posture.	2		1
Pronated feet.	5		
Rickets.	2		
Scoliosis—functional.	233		
Scoliosis—structural.	35		
Slipped epiphysis.		4	
Tight posterior structures.	2		

III. Non-tuberculosis Infections

Arthritis.	26	8
Osteomyelitis.	3	4
Septic joints.	5	5

IV. Paralysis and Other Neuro-muscular Diseases

Amyotonia.	1	
Brain tumor.		1
Dystrophies.	10	1
Hydrocephalus.		1
Paralysis—athetoid.	1	
Paralysis—brachial.	26	3
Paralysis—cord lesion.	4	3
Paralysis—meningocele.	5	3
Paralysis—peripheral nerve.	6	2
Paralysis—plumbism.	1	2
Paralysis—spastic.	3	8

Paralysis, Volkmann's	3	
Poliomyelitis, anterior	4	45
Poliomyelitis, anterior, post-operative		18
Pneumococcus Meningitis		2

V. *Miscellaneous*

Acne			1
Arteritis		1	
Bronchial Infiltration		1	
Colitis		1	
Diabetes		3	
Diagnosis deferred	36	3	
Ductus arteriosus		1	
Fatigue			3
Hemophilia		1	
Intestinal obstruction		1	
Nutritional		1	
Obesity		1	
Rheumatic fever			1
Scleroderma		1	
Sinusitis			1
Skin lesions			1
Ulcer		1	
	578	171	21

REPORT OF THE MUSCLE TRAINING CLINIC

FOR the year ended December 31, 1941, 51 new patients were admitted to the Muscle Training Clinic for treatment. Three patients were transferred to other hospitals because of age. The remainder were diagnosed as follows:

Brachial Palsy	11
Cerebral Palsy	32
Facial Palsy	3
Cord Injury	1
Hydrocephalus	1
Miscellaneous	3
	—
	51

A total of 3,443 treatments were given to patients previously admitted.

RANDOLPH K. BYERS, M.D.

HARVARD INFANTILE PARALYSIS COMMISSION

THIS marks the 25th year in the life of the Harvard Infantile Paralysis Commission and there was no lessening in its activities. Although infantile paralysis did not reach epidemic proportions in Massachusetts, there were more cases in the Commonwealth this year than the total of the three preceding years.

The Central Clinic for After Care continues to be held three mornings a week at the Children's Hospital. During 1941 nearly 6000 treatments and examinations were given in this Clinic. The Field Clinics which supplement this work are held according to a regular schedule in Arlington, Beverly, Dedham, East Boston, Haverhill, Lawrence, Lowell, Malden, Quincy, Somerville and Waltham. In these units more than 4000 treatments were given during 1941.

The Orthopedic Nurses of the Community Health Association, working under orders from the Clinic Surgeon, gave more than 2500 treatments to clinic patients resident in greater Boston and materially aided the continuity of treatment. These nurses visit the Clinic with their patients at regular intervals for supervised direction and in many instances they go into the homes of patients to carry out treatment. This close co-operation has marked benefits, especially for the patients.

During the year the Functional Training Room was completed. It is being used more and more in treatment and the results are most gratifying. Much energy over the years has been used in an attempt to return power to muscles long after the possibility of such a return is past. Today in this stage we are placing emphasis upon functional training, teaching the patients to "do things" in spite of their paralysis. The fact that individuals remain quite extensively paralyzed after infantile paralysis does not condemn them to hopeless invalidism. An example of what may be accomplished in this field is the case of a patient with extensive involvement of her arms, trunk, and legs following her initial paralysis in 1937. Two years ago a threshold between two rooms was an insurmountable object. This girl is now able to ascend and descend a flight of steps. This change is dependent not upon improvement in muscle power, but in training her to use the few muscles which remain.

This has been a year of controversial ideas with regard to therapy in infantile paralysis. Much confusion has arisen; most of it could have been avoided. We believe that the diversity of ideas is more apparent than real. The After Care Clinic of the Commission has always looked with critical interest and open-mindedness upon all new ideas, while endeavoring to adopt those which are worthwhile.

The activities of the Clinic are more and more directed toward investigative work. A study which is concerned with the effects of infantile paralysis upon growth has been continued during the present year. This work has been supported in part by a grant from the National Foundation for Infantile Paralysis. Dr. Norman Nelson, a recent graduate of the Harvard School of Public Health, has been associated with us in carrying on a statistical study involving the data accumulated in the Clinic. Miss Florence Kenney, one of our physiotherapists has been temporarily transferred to assist in this study. This project has been supported by the Bureau of the Services for Crippled Children and has been arranged with the collaboration of Dr. Edwin D. Wilson and Dr. Edward G. Huber of the Harvard School of Public Health.

Dr. Charles Sturdevant, who finished his residency in the Orthopedic Service

at the Children's Hospital in September 1941, was appointed Assistant to the Director of the Clinic to succeed Dr. Leo J. McDermott, who finished his service with us at that time and is now in practice in Portland, Maine.

The Clinic continues to serve as a teaching unit for House Officers, graduate and undergraduate medical students, as well as physical therapy students.

We extend our sincere appreciation to Noemi No. 11, U.O.T.S. for their magnificent effort in support of the Functional Training Room, as well as their aid in providing apparatus and transportation for patients who are not fortunate enough to be able to provide their own.

The Commission greatly appreciates the co-operation and support of those communities in which Field Clinics are held and wishes to thank the individuals and organizations who contribute so generously of their time and funds that the necessary apparatus and transportation may be provided for the needy patients in their respective communities.

The splendid spirit of co-operation which has always existed between the personnel of the Children's Hospital and the Clinic continues to be a factor in the daily routine.

WILLIAM T. GREEN, M.D.,
Director of Clinics

HARVARD INFANTILE PARALYSIS COMMISSION

1941

Number of regular Clinics held at the Children's Hospital.....	150
Number of Doctor Clinics held in outside cities.....	4
<i>Total</i>	<hr/> 154
Number of visits made to the Children's Hospital Clinics.....	5,647
Number of old cases seen at the Doctor Clinics in outside cities	166
Number of visits made in the Field by Commission workers....	4,106
Number of new cases seen at the Children's Hospital Clinics...	65
<i>Total</i>	<hr/> 9,984
Number of visits, co-operative therapy, Community Health Association	2,544
Average attendance at Hospital Clinics.....	38
Pool treatments.....	731
Total number of individual cases seen	945
Total number of individual cases seen at the Children's Hospital.....	864
Number of individual cases treated in the Pool.....	29
Number of cases operated upon in the Children's Hospital.....	44

DEPARTMENT OF PHOTOGRAPHY ANNUAL REPORT

THE volume of photographs produced by this Department was about the same as last year.

The making of photostatic copies of records consumes a considerable portion of time, as the department has no proper facilities for washing and drying large sheets of sensitized paper. If the future demand does not exceed this year's total production, it can be taken care of without additional apparatus.

Due to the scarcity of materials, nothing more will be done about new lighting equipment, patterned after the Edgerton High Speed Lamp, until after the war.

There is as yet no scarcity of photographic material, and none is expected in the near future. The cost of sensitized materials rose, due to new taxes, but before this went into effect, about six months' normal supply was purchased.

The new method of photographing the plantar aspect of feet, mentioned in last year's Annual Report, is in steady use and is being copied by other institutions.

Late in the year the Department took over from the Scoliosis Clinic all functional scoliosis posture photography. This will result in a considerable increase in the number of patients passing through the Department.

In September the Photographer attended the Convention of the Biological Photographic Association in Buffalo, New York. A paper on the new foot photography apparatus was read and photographs of gross pathological specimens were exhibited. Exhibits were also presented at the Conventions of the American College of Surgeons and the American Academy of Pediatrics. Several other exhibits were prepared for various departments of the Hospital.

Papers written during 1941 were as follows:

"Reproduction of Radiographs." Jour. Biol. Photo. Assn. Vol. 9 No. 3.

"Photography of the Plantar Aspect of the Feet with Weight Bearing." To be published.

FERDINAND R. HARDING

DEPARTMENT OF PHOTOGRAPHY ANNUAL REPORT 1941 STATISTICS

Service	Cases	Views
Orthopedic.	483	1,182
Surgical.	468	1,218
Medical.	93	200
Infants' Hospital.	48	115
Pathology—Infants' Hospital.	83	155
Pathology—Children's Hospital.	308	601
Scoliosis Clinic.	57	223
Harvard Infantile Paralysis Commission.	159	476
Private Ward.	41	86
Ward 6.	10	20
Ward 9.	7	19
Dental Clinic.	6	18
School of Nursing.	5	32
Director's Office.	5	11
Ward 11.	2	3
Muscle Training Clinic.	1	2
<i>Total.</i>	<i>1,776</i>	<i>4,360</i>
Miscellaneous negatives made.	998	
Miscellaneous prints made.	2,010	
Lantern slides made.	464	
Color slides made.	61	
Motion pictures.	62	

Motion picture footage.....	2,000 ft.
Photostats—School of Nursing.....	196
Photostats—Administration.....	2,069
Charge slips.....	\$1,285.75
Cost of supplies.....	823.73
For Scoliosis Clinic—25 packs developed, 293 prints made	
Total negative made.....	5,358
Total prints made.....	6,663

OCCUPATIONAL THERAPY YEARLY REPORT

OCCUPATIONAL THERAPY has become a vital and integral part of the child's convalescent program, in helping promote and secure a more normal state of mind and body.

This year 1224 children throughout the Hospital were given Occupational Therapy. In addition, recreation and story hours were provided.

The cost of supplies was \$78.30. An average of about six cents per child per year. It has been possible to keep this figure low because of the splendid variety and quality of donations which have been sent to the department.

Twenty-eight students affiliating from the Boston School of Occupational Therapy contributed 6156 hours. The period of training for each student was six weeks.

One hundred and seven volunteers contributed 4654 hours. This gives a grand total of 10,810 hours of volunteer service. It has been a most valuable asset. The volunteers represent: The Junior League, Wheelock School of Kindergarten, Garland School, Boston University, Wellesley College and the Boston School of Occupational Therapy. Many others came because of their desire to be of service. These volunteers have helped in preparation of work and in the Occupational Therapy on the wards.

Forty-eight hours were devoted to a course in Occupational Therapy given to second year Children's Hospital nurses. Four groups received 12 hours each. The course consists of lecture, craft, library service and ward assignments in Occupational Therapy with the children. The total number attending was 55.

Each affiliating group of nurses receives a one hour lecture on Occupational Therapy and its relation to "Child Growth and the Normal Child." Eight hours was devoted to these lectures. The total attendance was 295.

The library service is in charge of a volunteer who has had library training. She is assisted by Occupational Therapy Students. We have been able, because of the many beautiful books given the Hospital, to practically renovate our Children's Library. It is in excellent condition. We have on the shelves over 2000 books, all of which have been carefully graded and catalogued. The children are taught the care of books and encouraged in their reading, and helped with intelligent book selection. There was a circulation in 1941 of approximately 2800 books. The number of books lost was only 40.

It has been a busy and interesting year. The Occupational Therapy Department extends its sincere thanks to the Welfare Committee, to the Occupational Therapy Committee and members of the Staff for their continued loyalty and whole-hearted support.

JESSIE NESS, O.T.R.,

REPORT OF THE SOCIAL SERVICE DEPARTMENT

IN going over the old Social Service reports from 1917 to the present time, it is interesting to see the evolution of certain trends which have crystallized in the policies and procedures in the Department for 1941. Although there has been some fluctuation in the numbers of the Staff during the last 24 years, the general trend has been an increase of workers from the beginning when there was one worker and a director until recently when the maximum of six staff members and a director has been reached. Also, after a rather high turnover in personnel, the Staff reached relative stability in 1940 which continued throughout 1941, although in January Mrs. Evelyn Karp resigned to enter private life. Her place was filled by Miss Mary Deenihan, a recent graduate of the Boston College School of Social Work, who came to us in October, the intervening vacancy having been filled on a temporary basis by Mrs. Elizabeth Laurence.

Although volunteers have always been generous of their time and effort in help to our Department, we are especially indebted to Miss Louise Horwood, a student from Bryn Mawr College and to Miss Kathleen Scott, a student at the Simmons College School of Social Work, both of whom gave almost full time volunteer assistance during the summer months during a period when the Staff was depleted because of vacations and when extra work due to camp arrangements fell upon us.

During this last year further steps were taken to turn over to the Administration more and more of the routines of clinic management, preliminary follow-up, medical reports and other functions formerly carried by the Social Service but more appropriately coming under the general hospital management. Along these same lines, in July 1941, the School of Nursing took over the responsibility of sending out the nursing orders to the Community Health Associations of Boston and of surrounding cities and towns for those patients who upon discharge from the Wards or after Out-Patient Department visits, needed nursing care in their own homes. Although in general the Social Service Department is the logical channel for dealing with outside community agencies, the Nursing group seems a more suitable one to make this particular contact with their own professional colleagues.

Our teaching program for student nurses has been similar to that of other years. Every two weeks throughout the year a different student nurse comes to the Department for a period of experience in home visiting. The Staff has given three courses of ten lectures each to three groups of student nurses on the general topic of Social Problems, trying to orient the material to a focus which seems most pertinent and useful to the nurse functioning in her own professional field. Aside from this more formal teaching, informal case discussions have been given from time to time on the Wards. Our program for teaching our own students in Social Work has expanded so that this year we took for field work three "Masters" students from the Simmons College School of Social Work and one from the Boston University School of Social Work. Also, the worker on the Neurological Service has had some responsibility in presenting the social and emotional needs of patients in the program of teaching the medical students.

Although in earlier years the Social Service Department took considerable initiative in selecting those situations which seemed to require its particular service, during this last year the responsibility has been left almost entirely with the physicians to choose those cases needing Social Service help, a method

which reduces the case load to possible limits for the existent Staff and which seems to make for better integration of the treatment of medical and social problems.

This last summer we concentrated on obtaining greater efficiency and more discrimination in the camp placement of children referred for some sort of camp experience because of health or some special social or emotional need. Various members of the Department visited a number of the camps available to our children and collected first-hand information in regard to the facilities, atmosphere, program and special features of each camp. One hundred and eight children were placed this last summer at a total cost of \$343.33. Since some of the camps were willing to take our children free, and because in other instances the families contributed, we were able to send this large group of children at such a small cost. We have found camp placements for the crippled or otherwise handicapped child particularly difficult to arrange, largely because the community resources for those needing restricted activity or special attention are practically non-existent and the ordinary camp can not integrate into their general program the child with exceptional needs.

One of our outstanding and particularly difficult problems has been the placement or social adjustment of the mentally defective child. These children are brought in to the hospital in large numbers seeking some medical solution to their difficulties. They are referred to the Social Service Department for the extreme over-crowding of the State Schools for the Feeble-minded. The mothers of many of these children because of the constant demands for special care and supervision, become completely worn out and have little or no time to devote to their other children, their household duties, of their own recreational needs. There is some question how much time and energy the Social Service Department of a hospital for acute illness should devote to the needs of feeble-minded children and the problems created by difficult and sometimes impossible home adjustments. A student from the Simmons School of Social Work made a study of this situation at our suggestion and wrote her "Masters" thesis on the cases referred by this hospital to the Wrentham State School between 1937 and 1940. Of these 60 children referred, only nine were admitted during this three year period.

This fall when Sharon Sanatorium opened its doors to 20 more children suffering from rheumatic fever and rheumatic heart disease, the Social Worker in our Department who deals with the social problems of this diagnostic group, extended her services and interests to those children at Sharon who entered from this hospital and who were subsequently to return under the medical supervision of our Rheumatic Fever Clinic. The extension of the facilities at Sharon has given us an additional resource for the placement of children who can not get in their own homes the prolonged bed care and medical supervision which this particular disease requires.

About \$1000 was available from special funds and private donations to meet some of financial needs for those of our patients who did not have sufficient resources to cover extra demands. The fund for taxi service continued to meet those transportation problems which the volunteer service provided by the Red Cross could not handle and the Zonta Club of Boston again contributed a sum of money to pay for an occupational therapist to visit one day a week in the homes of a few of our children. Mrs. Robert Simpson in this capacity gave efficient and loyal service.

During the last year 1115 patients have received Social Service help, each case varying in intensity according to the need, and in length of time all the way from a few contacts during one month's period to those cases requiring consistent and prolonged help throughout the entire year. About 1600 additional patients have received some brief but necessary service from this Department.

The focus of our efforts in working with these cases has been the study of the individual child's social situation, his personality and needs in relation to his medical and emotional difficulties, together with an attempt to work out with the doctor, patient, and family a reasonable adjustment. Now that uncertain, stormy days of war loom darkly ahead as part of every child's total background, more study, more planning, more effort may be necessary.

MARION W. HALL

ANNUAL REPORT OF SCHOOL OF NURSING

AT the closing of the year 1941 there are 113 students in The Children's Hospital School of Nursing, 73 affiliating students, and two special graduate students.

Graduation exercises were held in Gardner House on June 11 with an address given by Colonel Harold Wellington Jones, Medical Corps, United States Army, a former house officer of The Children's Hospital. Twenty-nine students were graduated. The new school diploma which is much smaller in size was used for this class.

Seven students were removed from the roll during the year for the following reasons:

- 3 did not wish to continue in nursing
- 1 did not meet standards
- 1 to be married
- 2 because of physical condition

Forty-three students (as against 42 in 1940) were admitted to the school, of whom 27 were residents of Massachusetts. In addition to the other New England states there are represented New York, New Jersey, Wisconsin and Virginia. Sixteen of these students admitted had one to four years of college, a gain of six per cent over 1940. The scholastic and nursing aptitude tests taken prior to admission showed the students distributed as to their chances of success in nursing as follows:

Excellent.	13
Very good.	24
Reasonably good.	6

There have been no major changes in the curriculum. A course in sociology has been added which we believe will help the students to understand the social and economic factors which play such a large part in the problems of patients.

Two affiliations were discontinued during the year, but the affiliating course has been given to 304 students as against 296 in 1940. One student was received from Simmons College School of Nursing this year for field experience in ward

administration, and one graduate student completed two months' experience to enable her to qualify for registration in Massachusetts. The affiliations for our own students were as follows:

	<i>Number of students sent during year</i>
Peter Bent Brigham Hospital.	32
Boston Lying-in Hospital.	33
New England Deaconess Hospital.	36
McLean Hospital.	17
Simmons College (Public Health Course).	12

A new agreement for affiliating schools was approved by the School of Nursing Committee.

There have been a number of changes in the faculty this year. Miss Isabelle M. Jordan, who has been on the faculty for nine years, first, as Supervisor of the Infants' Hospital and for four years as Assistant Superintendent of Nurses, resigned as of July 1 to become superintendent of the Sharon Sanatorium for the care of children with rheumatic conditions. Miss Muriel B. Vesey was appointed ass assistant superintendent of nurses. Miss Kathryn Cheney, who was formerly a member of the faculty as Orthopedic Supervisor, returned to the school, after her course in public health nursing, as second assistant.

The report was received of the visit for study by the representatives of the Committee on Accrediting of the National League of Nursing Education, and the school was fully accredited. This does not mean that we have reached the goal of a perfect school; it does mean that the elements of strength outweighed the deficiencies, and the deficiencies were such that they may be corrected.

Early in the development of the school provision was made for a faculty organization. With the passing of the years, although many new positions have been created in the School of Nursing, and there are constant references to the faculty, the records did not reveal that there had been any formal action, since the original action, as to who should have faculty status. On recommendation of the School of Nursing Committee, the Board of Managers voted:

"That the faculty of the School of Nursing be defined as consisting of the Principal, Assistant Principal, Assistant Superintendents of Nurses, full-time Instructors, the Supervisors, Head Nurses in charge of specialized units whose experience and responsibilities warrant it, and such others as the Board of Managers may designate from time to time, with due consideration to the recommendations of this Committee."

Following that action, the faculty organization has been strengthened, appropriate committees have been appointed, and provision has been made for more active participation in activities of the school for all members of the instructional staff including head nurses who do not have faculty status. Members of our faculty are continuing to make personal contributions of service to the work of the national and state organizations. We believe that this participation is a decided benefit to the School of Nursing.

Out of the 37 members of the administrative and instructional staff, including head nurses, 19 have had or are taking the Red Cross Course in First Aid.

We have had many requests from house officers and former house officers,

as well as other hospitals, for copies of the nursing procedures as practised in The Children's Hospital. For the past year members of the faculty, with the help of the head nurses, have been revising many of these procedures in the light of new scientific knowledge and with a view to simplicity and safety. The book has now been printed for the use of students, and there has been an encouraging sale of it to others.

We always look forward to the comparison of the illness record for the various years in the hope that we can show a better record. This year our figures are encouraging as shown by the comparative figures below.

	<i>Children's Hospital Students</i>			<i>Affiliating Students</i>		
	<i>Daily Residence</i>	<i>Inf. Days</i>	<i>Av. Days of Illness</i>	<i>Daily Residence</i>	<i>Inf. Days</i>	<i>Av. Days of Illness</i>
1941.....	73	530	7.3	78.6	664.5	8.4
1940.....	74.5	727	9.7	79.2	840	10.6
1939.....	73	941.5	12.9	81	771	9.5

While our infirmary days for students may seem high as compared with some other types of schools, we believe that the policy of taking students off duty when they show the first signs of illness or when they are fatigued is sound.

Nursing Service

It was inevitable with the general unrest in the community that we should have many changes in the general staff group and in the ward helpers' group. Toward the end of the year the situation has become much more acute, especially with the declaration of war. We have had a constant shift of personnel. At the close of the year there were 14 vacancies in the general duty staff and nine ward helpers' positions vacant; and seven graduates, including one assistant supervisor of the Operating Room, one Operating Room nurse in charge of the throat service, one anesthetist, two ward head nurses, one Out-Patient head nurse and one general staff nurse, were waiting orders for mobilization in the Harvard Unit.

We are confident, however, that despite shortages in personnel and increased tension that the essential spirit of co-operation and loyal service will not be lacking in the nursing staff.

Sufficient appropriation was made by the Board of Managers during the latter part of the year to reduce the working hours for graduate nurses on night duty from a seven-night week to one night off every other week. We look forward to the day when the hours for both students and graduate night nurses may be further reduced so that they have one night off each week.

STELLA GOOSTRAY,
*Superintendent of Nurses,
Principal, School of Nursing*

Children's Hospital students enrolled, January 1, 1941	108	
Admissions—Children's Hospital students.	43	
	<hr/>	151
Completed course during year.....	30	

Removed from roll			
Preclinical students	1		
First-year students	3		
Second-year students	3		
		7	
Temporarily off enrollment—to re-enter		1	38
Children's Hospital students enrolled, December 31, 1941			113
Affiliating students completing course during year			304
<i>Student Nurse Staff, December 31, 1941</i>			
Children's Hospital students enrolled		113	
Affiliating students enrolled	73		
Special graduate students enrolled	2		
		75	
Less affiliating students on vacation		2	73
			186
Children's Hospital students on affiliation, not in residence		30	
Children's Hospital students in residence but attending Simmons College			
Preclinical course		28	
Public health course		4	32
			62
Total number of students assigned to wards and special departments			124
Children's Hospital	100		
Infants' Hospital	24		
<i>Graduate Staff (Permanent), December 31, 1941</i>			
School of Nursing Office		6	
Children's Hospital including Infirmary			
Night Supervisors	3		
Day Supervisors	4		
Head Nurses	10		
Assistant Head Nurse	1		
General Duty Nurses	18½		
		36½	
Operating rooms and anesthesia		12	
Out-Patient Department		5	
Infants' Hospital		7½	
Private Ward (3 floors open)		22	
			89
Vacancies, December 31, 1941	14		
Resignations presented	7		
			21
			68

REPORT OF THE WELFARE COMMITTEE

I HAVE the honor to present a report of the Welfare Committee for the year 1941.

For the second time, the Yankee Trading Post proved most successful though the proceeds were not as high as the year before. We did not expect they would be under the existing war-time pressure. Credit again goes to Mrs. H. Parker Whittington as the Chairman of that committee. In 1940 the Trading Post raised \$5,466.50 and in 1941 \$3,960.00. The proceeds once more were voted to the William E. Ladd Chair of Surgery.

The Avery Lectures have run slightly behind in subscribers. Mrs. Stewart and her Co-chairman, Miss Learned, have worked hard and unceasingly to reduce the expenses, and have proved as always their interest in these lectures, the proceeds of which benefit us so splendidly. In July their Treasurer sent their donation of \$5,000 to the Treasurer of the Hospital.

The exhibit from The Children's Hospital to the Annual Meeting of the Massachusetts State Federation of Women's Clubs at Swampscott last May was greatly simplified. Mrs. Thompson took complete charge of planning and setting up the exhibit.

Mrs. Whittington reports for the Occupational Therapy Committee that under the able direction of Miss Jessie Ness this department carried on its work in the same excellent manner as in the past. Members of the Welfare Committee each month assisted the Occupational Therapy Department on the wards. No words can express the gratitude we all feel for the work of Miss Ness.

The C. H. Clubs have been greatly affected by requests for raising war funds. Of the five existing clubs at present, the Buzzard's Bay Club was outstanding, netting the splendid sum of \$744.00. Their Sports' Week was again under the able leadership of Miss Dorothy Rackemann.

The Holiday Committee, under Miss Bartlett, reports that ten donations have been sent in representing different organizations. The sum total, however, is \$15 less than last year.

The Birthday Club, under Mrs. Theopold, reports the loss of a few members, but we still have an active membership of 805 children.

Mrs. Beal, Chairman of the Thrift Shop Committee, reports that their figures show a decrease of approximately \$59 this year, though the articles from the Yankee Trading Post proved of great help. The profits from the sale of goods left over from the Yankee Trading Post were credited in full to The Children's Hospital.

Mrs. Clapp reports for the Girl Scout Committee that the girls have had so many Red Cross calls that their work has slowed up for us; but she earnestly hopes to get more articles soon.

The Tea Committee under Miss Leland, we feel, has proved again most successful. There have been seven teas in all for different organizations visiting the Hospital and for the nurses. The Christmas Tea had a much larger attendance of doctors and nurses than last year.

The Pencil Committee headed by Mrs. Howell has not been so successful this year. The proceeds for 1941 are \$137.60 against \$273.50 for 1940.

The Knitting Committee under Mrs. Black has increased its group of knitters. It is an interesting fact that with all the calls for war knitting, many have volunteered their services to knit exclusively for The Children's Hospital.

Dr. John Hubbard gave us a most interesting lecture on Rheumatic Fever, and Miss Marion Hall spoke to us about the function of the Social Service Department in our Hospital.

The Welfare Committee is keeping in close touch with the work of the Hospital Council of Boston, and we are sending a representative to all their meetings.

Since December 7, the Welfare Committee has been planning a Children's Hospital War Service Committee with Mrs. Harwood as Chairman. Our members are organized with the sincere hope that we may prove of able assistance to the organization of the Hospital which is facing this great emergency.

JOSEPHINE D. RUSSELL,
Chairman

MEMBERS OF THE WELFARE COMMITTEE

January, 1941 to January, 1942

Mrs. William E. Russell, *Chairman*
Mrs. Edwin F. Cave, *Vice Chairman*
Mrs. Carl H. Ernlund, *Vice Chairman*
Mrs. Thomas H. Lanman, *Recording Secretary*
Mrs. John G. Palfrey, *Corresponding Secretary*
Mrs. John E. Lawrence, *Treasurer*
Mrs. Gordon Abbott
Mrs. Gordon Abbott, Jr.
Mrs. Arthur W. Allen
Mrs. Joel M. Barnes
Miss Betty A. Bartlett
Mrs. William De Ford Beal
Mrs. C. Stewart Black
Mrs. J. Lewis Bremer
Mrs. Theodore E. Brown
Mrs. C. Sidney Burwell
Mrs. F. Wadsworth Busk
Mrs. George A. Clapp
Miss Mary Elizabeth Clarke
Miss Louise Coburn
Mrs. Eliot Codman
Mrs. Lawrence Coolidge
Mrs. Channing H. Cox
Mrs. William C. Cox
Mrs. Ernest B. Dane, Jr.
Mrs. Charles Devens
Mrs. Ralph H. Doane
Miss Catherine Donnelly
Mrs. Edward C. Donnelly
Mrs. Hamilton P. Edwards
Mrs. Samuel Eliot
Mrs. Donald Falvey
Mrs. Vincent L. Greene

Mrs. John W. Hallowell
 Mrs. Bartlett Harwood
 Mrs. C. Stephen Heard
 Mrs. Harold D. Hodgkinson
 Mrs. Russell Howell
 Mrs. John H. Johnson
 Mrs. Alfred Kidder, II
 Mrs. Louis E. Kirstein
 Mrs. William E. Ladd
 Miss Constance B. Learned
 Miss Elizabeth C. Leland
 Mrs. Francis B. Lothrop
 Mrs. Frederic W. Mattheis
 Miss Mary Meehan
 Mrs. George H. Monks
 Mrs. John W. Myers
 Mrs. Harris J. Nelson
 Mrs. William Brace Pratt
 Miss Dorothy Rackemann
 Mrs. William L. Shearer, III
 Miss Ida C. Smith
 Miss Patricia Spencer
 Mrs. Frank H. Stewart
 Mrs. Philip Stockton
 Miss Virginia Stone
 Mrs. William Sutton
 Mrs. Robert C. Terry
 Mrs. Philip H. Theopold
 Mrs. Richard H. Thompson
 Mrs. Samuel D. Warren
 Mrs. Richard P. Waters
 Mrs. Edwin S. Webster
 Mrs. David A. Westcott
 Mrs. Alexander Wheeler
 Mrs. Nehemiah H. Whitman
 Mrs. H. Parker Whittington
 Mrs. Samuel H. Wolcott
 Mrs. Edgar N. Wrightington

Honorary Members

Mrs. Roger W. Cutler
 Mrs. Frederick S. Mead

FINANCIAL STATEMENT OF WELFARE COMMITTEE

1941

Receipts

Welfare Committee.	\$4,450.29
Avery Lectures.	5,000.00
Yankee Trading Post.	3,960.00
Campaign proceeds through Welfare Committee	898.50

<i>Gross Receipts.</i>	<hr/>	\$14,308.79
--------------------------------	-------	-------------

Deduct Special Donations

Avery Lectures proceeds for the following purposes: (in accordance with the recommendation of the Committee and the approval of the Board of Managers)

Support of Occupational Therapy for one year.....	\$1,800.00
For an Autoclave.....	2,645.00
Special Nursing.....	555.00

Yankee Trading Post proceeds for the following purpose: (in accordance with the recommendation of the Committee and the approval of the Board of Managers)

William E. Ladd Chair of Surgery.....	3,960.00
Holiday Committee.....	90.00
Expenses.....	1,400.52
Balance towards current expenses.....	3,858.27

\$14,308.79

MRS. JOHN E. LAWRENCE,
Assistant Treasurer

FORMER HOUSE OFFICERS AND RESIDENTS

Abbott, F. B.	1915	
Adams, John D.	1902	43 Bay State Road, Boston, Mass.
Adams, John E.	1941	Harvard Medical School, Boston, Mass.
Adams, Wm. B.	1920	20 Maple St., Springfield, Mass.
Adelman, Maurice.	1922	209 Angel St., Providence, R. I.
Alexander, Eben, Jr.	1940	U. S. A.
Allen, Fred H., Jr.	1941	300 Longwood Ave., Boston, Mass.
*Allison, Nathaniel.	1901	
Ames, Frederick D.	1934	1201 Medical Arts Bldg., Houston, Tex.
Amiral, Hiram H.	1916	9 Walnut St., Worcester, Mass.
Anderson, Arthur.	1923	122 East 76th St., New York, N. Y
Anderson, Randolph L.	1926	1023 Quarier St., Richmond, Va.
Anderson, Samuel A., Jr.	1925	2326 W. Grace St., Richmond, Va.
*Andrews, Edward A.	1896	
Andrews, Sumner C.	1916	636 Beacon St., Boston, Mass.
Atsatt, Rodney F.	1927	1421 State St., Santa Barbara, Calif.
Aufranc, Otto E.	1938	U. S. A.
Austen, George.	1937	U. S. A.
Ayer, J. B., Jr.	1907	319 Longwood Ave., Boston, Mass.
Bacon, Joshua E.	1927	1200 Main St., Dubuque, Ia.
Bacon, William B.	1941	160 Riverway, Boston, Mass.
Bailey, Orville T.	1935	Harvard Medical School, Boston, Mass.
*Bailey, Walter C.	1898	
*Baker, Frederick H.	1892	
Baker, Horace M.	1917	Lumberton, N. C.
*Baldwin, Herman T.	1895	
Ball, John D.	1923	414 Spurgeon Bldg., Santa Ana, Calif.
Barber, Carol Glenn.	1921	606 Hanna Bldg., Cleveland, O.
Barnes, Frederick W., Jr.	1937	Children's Research Founda'n, Cincinnati, O.
Barr, Joseph S.	1928	U. S. A.
Barrett, M. F.	1903	231 Main St., Brockton, Mass.
Bartlett, Daniel E.	1905	
Bartlett, Fred A.	1908	308 Beale St., Wollaston, Mass.
Baty, James M.	1929	1101 Beacon St., Brookline, Mass.
Beckel, W. Fred.	1907	7039 Superior Ave., Cleveland, O.
Bell, Donald.	1921	Ojai, Calif.
Bell, John F.	1942	300 Longwood Ave., Boston, Mass.
Bender, Norman.	1921	Buffalo, N. Y.
Benjamin, James D., U.S.N.	1914	Naval Air Station, San Diego, Calif.
Bennett, Charles B.	1923	1122 University Ave., Berkeley, Calif.
Berkley, Hugh K.	1916	1136 West 6th St., Los Angeles, Calif.
Bigelow, Edward B.	1907	9 Walnut St., Worcester, Mass.
Binns, J. Frazier.	1929	706 Church St., Nashville, Tenn.
Biorkman, Gustav.	1918	660 Madison Ave., New York, N. Y.

*Deceased

Billig, Harvey F., Jr.	1936	Institute of Technology, Pasadena, Calif.
Birdsong, McLemore	1941	University Virginia Medical School, Charlottesville, Va.
Blair, Montgomery	1929	2222 Q St., N.W., Washington, D. C.
Blodgett, James B.	1940	Harvard Medical School, Boston, Mass.
Blodgett, William H.	1939	2218 Iroquois Ave., Detroit, Mich.
Bolowtow, Nathan A.	1917	126 Waterman St., Providence, R. I.
Bost, Frederick C.	1929	384 Post St., San Francisco, Calif.
Botsford, Thomas W.	1937	U. S. A.
*Boutwell, Horace K.	1905	
Bowditch, Henry I.	1902	
Boyd, Robert T.	1939	Iowa City, Ia.
Breckenridge, William G.	1941	315 Pearl Ave., Peterborough, Ontario, Can.
Bressler-Pettis, Chas. W.	1917	
Briggs, Maurice T.	1917	7 Lynn Shore Drive, Lynn, Mass.
Brines, John K.	1939	1101 Beacon St., Brookline, Mass.
Bromer, Ralph	1915	629 Pembroke Rd., Bryn Mawr, Pa.
Brooks, Glidden L.	1939	Central Maine General Hospital, Lewiston, Me.
Brostrom, Frank	1929	3439 Prytania St., New Orleans, La.
Brown, Charles L.	1923	2401 North Broad St., Philadelphia, Pa.
*Brown, David R.	1918	
Brown, F. Bert.	1938	612 Drayton St., Savannah, Ga.
Brown, John C., D.M.D.	1939	U. S. A.
Brown, John E., Jr.	1933	270 East Town St., Columbus, O.
Brown, Lloyd T.	1908	372 Marlborough St., Boston, Mass.
Brown, Percy	1900	Egypt, Mass.
Browne, Trevor S.	1924	711 Professional Bldg., Phoenix, Ariz.
*Bryant, Charles S.	1899	
Bryant, Clarence E.	1906	101 Highland St., Hyde Park, Mass.
Burpee, Benjamin P.	1916	814 Elm St., Manchester, N. H.
Byers, Randolph K.	1924	319 Longwood Ave., Boston, Mass.
Byrne, Harry V.	1929	301 Essex St., Lawrence, Mass.
Cahoun, John G.	1928	
Calder, Harold G.	1908	Corback, Invernesshire, Scotland
Campbell, Charles M.	1940	224 Thayer St., Providence, R. I.
Campbell, James B.	1937	Mayo Clinic, Rochester, Minn.
Canada, Charles C.	1934	U. S. A.
Canaday, John W.	1934	2015 North Kenmore St., Arlington, Va.
Carey, Benjamin W.	1935	191 Glen St., Glenns Falls, N. Y.
Carpenter, George	1920	Lederele Laboratories, Pearl River, N. Y.
Carson, Paul C.	1921	1205 Behnie Dillon Bldg., Nashville, Tenn.
Carter, Marshall A.	1935	401 North Emporia, Wichita, Kan.
Catterson, L. F.	1926	Box DD, Carmel, Calif.
Cave, Edwin	1927	107½ High Ave., E., Oskaloosa, Ia.
Chamberlain, John W.	1935	U. S. A.
Chapin, William E.	1926	U. S. A.
		3103 West Franklin St., Richmond, Va.

*Deceased

Chenoweth, Beach M., Jr.	1941	Johns Hopkins Hospital, Baltimore, Md.
Chisholm, Tague C.	1942	Peter Bent Brigham Hosp., Boston, Mass.
Churney, Otto	1929	Zamboanga, P. I.
Clarke, George W.	1904	Defiance, O.
Clarke, M. Melvin	1927	315 Alexander St., Rochester, N. Y.
Clement, David H.	1939	135 Linwood Ave., Buffalo, N. Y.
Clifford, Stewart	1929	1101 Beacon St., Brookline, Mass.
Cochrane, J. Joseph	1925	15 West Central St., Natick, Mass.
Coe, Herbert E.	1907	830 Medical&Dental Bldg., Seattle, Wash.
Cogswell, William, Jr.	1892	Capitol Bldg., Helena, Mont.
Cole, Walter F.	1920	101 North Elm St., Greensboro, N. C.
Connerley, Marion L.	1940	U. S. N.
Cook, Robert J.	1916	85 Whitney Ave., New Haven, Conn.
Coonse, G. Kenneth	1927	370 Commonwealth Ave., Boston, Mass.
*Corson, Carl C.	1936	
Cozen, Lewis	1938	2007 Wilshire Blvd., Los Angeles, Calif.
*Crandall, Arthur R.	1896	
Crane, Chilton	1940	U. S. A.
Cravener, Edward K.	1929	146 Barrett St., Schenectady, N. Y.
Crawford, Henry B.	1930	35 Chestnut St., Rochester, N. Y.
*Creesy, Everett L.	1900	
Crawford, Henry B.	1930	35 Chestnut St., Rochester, N. Y.
*Creesy, Everett L.	1900	
Crothers, Bronson	1912	300 Longwood Ave., Boston, Mass.
Cudney, Ethan B.	1925	527 West Iroquois Rd., Pontiac, Mich.
Cunningham, Allen	1915	76 Church St., Winchester, Mass.
Curnen, Edward C., Jr.	1938	U. S. N.
Cutler, Charles H.	1939	2000 Van Ness Ave., San Francisco, Calif.
Daniels, George F.	1923	129 East 69th St., New York, N. Y.
*Darrah, Rufus	1887	
Davidson, William D.	1933	810 East Powell Ave., Evansville, Ind.
David, S. D.	1923	911 Medical Arts Bldg., Houston, Tex.
Davis, Arthur G.	1922	716 Sassafras St., Erie, Pa.
Dawson, Clyde W.	1938	1374 Ida Ave., Columbus, O.
Deering, Charles F.	1911	38 Elm St., Danvers, Mass.
Derby, Joseph C.	1924	20 Maple St., Springfield, Mass.
*Dexter, Smith O.	1936	
Diamond, Louis K.	1929	300 Longwood Ave., Boston, Mass.
Dietrich, Henry F.	1936	415 North Camden, Beverly Hills, Calif.
Dillon, Victor M.	1931	490 Post St., San Francisco, Calif.
Dimmler, Charles L., Jr.	1939	U. S. A.
Dingle, John H.	1940	Thorndike Laboratory, Boston City Hos- pital, Boston, Mass.
		U. S. A.
Dinnerman, M., D.M.D.	1941	73 3d St., N.W., Pulaski, Va.
Divers, Douglas	1924	259 Union Ave., Framingham, Mass.
Dodd, J. E.	1912	506 Prospect Ave., Syracuse, N. Y.
Domser, Benjamin M.	1911	

*Deceased

- Doolittle, Leroy 1917
Dresel, Rudolph L. 1919
Drissen, Edward 1931
Dubois, Robert O. 1923
Duckett, J. Warner 1929
Dunn, C. H. 1902
Dwan, Paul F. 1931
Dye, Paul J. 1926
Dyer, Edward C. 1942
- *Eastman, Alexander 1900
*Eaton, Percival J. 1885
Eckles, Lucius E. 1935
Edmonds, Henry W. 1941
Eley, R. C. 1929
Ellis, Richard W. B. 1929
*Ely, T. W. 1910
Emerson, George E. 1905
Emerson, Paul 1915
Emidy, Herman L. 1926
Eveleth, Charles W. 1904
Ewer, Edward G. 1937
- Farber, Sidney 1928
Fay, William E. 1887
Ferguson, Charles F. 1937
Ferguson, Edward V. 1941
Fisher, James T. 1895
Fisher, William H. 1929
Fiske, Eben W. 1912
*Fiske, William B. 1885
Fitch, Ralph R. 1904
Fitts, John B. 1916
Fitz, George W. 1890
*FitzSimmons, H. J. 1910
Flake, Carlyle G. 1937
*Fletcher, A. S. 1909
Fletcher, F. L. 1928
Flint, Carlton P. 1898
Flook, Samuel E. 1939
Floyd, Cleveland 1905
Fort, F. L. 1923
Fortune, Clayton W. 1930
Foshee, Clyde H. 1931
Foster, Joseph B. 1929
Foster, Thomas 1919
Fothergill, Leroy 1930
Fowler, Charles B. 1929
- 908 Medical Arts Bldg., Duluth, Minn.
490 Post St., San Francisco, Calif.
Briton, S. D.
122 East 76th St., New York, N. Y.
4105 Live Oak St., Dallas, Tex.
- 4509 Dupont, So., Minneapolis, Minn.
Sewall Rd., Wolfeboro, N. H.
U. S. A.
- 715 Fillmore St., Topeka, Kan.
Mass. General Hospital, Boston, Mass.
U. S. N.
Rearsby, Leicestershire, England
- 52 Columbia St., South Weymouth, Mass.
422 East 19th St., Cheyenne, Wyo.
193 Gaskill St., Woonsocket, R. I.
1 Madison Ave., New York, N. Y.
181 Brookside Dr., Berkeley, Calif.
- 300 Longwood Ave., Boston, Mass.
Melrose, Mass.
300 Longwood Ave., Boston, Mass.
300 Longwood Ave., Boston, Mass.
1151 No. Madison Ave., Los Angeles, Calif.
755 Salem St., Malden, Mass.
701 Westinghouse Bldg., Pittsburgh, Pa.
- 277 Alexander St., Rochester, N. Y.
917 West Franklin St., Richmond, Va.
Peconic, L. I., N. Y.
- U. S. A.
- Milford, N. H.
- 1129 Grand Ave., Dayton, O.
246 Marlborough St., Boston, Mass.
1022 Park St., Jacksonville, Fla.
716 Sassafras St., Erie, Pa.
Citizens Bank Bldg., Madisonville, Ky.
1028 Medical Arts Bldg., Houston, Tex.
131 State St., Portland, Me.
U. S. A.
411 30th St., Oakland, Calif.

*Deceased

Franke, Winthrop I.	1941	300 Longwood Ave., Boston, Mass.
Frawley, W. T.	1910	184 North St., Pittsfield, Mass.
Frazee, John W.	1930	U. S. A.
Freeman, Don W.	1938	112 North Burnett Ave., Denison, Tex.
*Fregeau, Wheaton.	1933	
Freiburg, Joseph A.	1927	707 Race St., Cincinnati, O.
Friedman, Eli.	1918	416 Marlborough St., Boston, Mass.
Fuldner, Russell V.	1940	New Haven Hospital, New Haven, Conn.
*Gage, Homer.	1885	
Gallo, James E.	1925	Alvero Bldg., Herkimer, N. Y.
Gallup, Henry E.	1928	1101 Beacon St., Brookline, Mass.
Gamble, James L.	1912	300 Longwood Ave., Boston, Mass.
Ganz, Robert N.	1927	19 Bay State Rd., Boston, Mass.
Gates, R. E.	1908	144 Walnut St., East Dedham, Mass.
(Not in practice)		
Gear, Patrick.	1919	188 Chestnut St., Holyoke, Mass.
George, A. W.	1904	43 Bay State Rd., Boston, Mass.
Giddings, Paul D.	1937	25 Gage St., Augusta, Me.
Gill, MacLean.	1935	U. S. A.
Gillespie, Elmer H.	1930	1101 Beacon St., Brookline, Mass.
Gillespie, Norman.	1917	632 Columbia Rd., Dorchester, Mass.
Glover, Donald M.	1921	10515 Carnegie Ave., Cleveland, O.
Goeringer, C. Fred.	1937	U. S. A.
Goldloom, Alton.	1917	1543 Crescent St., Montreal, Que.
Goldman, Ahbrum.	1918	121 East 60th St., New York, N. Y.
Goldthwaite, Joel E.	1888	372 Marlborough St., Boston, Mass.
Goodale, Robert L.	1924	258 Beacon St., Boston, Mass.
Goodwin, Edward S.	1928	304 State St., Albany, N. Y.
Gordon, John K.	1921	1538 Sherbrooke St., West Montreal, Que.
Graham, W. T.	1910	116 East Franklin St., Richmond, Va.
Green, Hyman.	1916	483 Beacon St., Boston, Mass.
Green, William T.	1931	300 Longwood Ave., Boston, Mass.
*Greene, D. Crosby, Jr.	1898	
Griffin, Charles H.	1923	404 County St., New Bedford, Mass.
Griffith, Jesse B.	1919	Willinsburg, Pa.
Gross, Harold G.	1890	Eureka, Calif.
Gross, Herman W.	1896	
Gross, Robert.	1932	300 Longwood Ave., Boston, Mass.
Grover, Joseph I.	1913	281 Ashmont At., Dorchester, Mass.
Grub, Wilson.	1940	1011 North Charles St., Baltimore, Md.
Grulee, Clifford, Jr.	1940	U. S. A.
Guest, George M.	1926	Cincinnati Children's Hosp., Cincinnati, O.
Guy, Percy F.	1926	618 2d Ave., Seattle, Wash.
Haig, Ray T.	1924	1026 MedicoDental Bldg., Sacramento, Cal.
Haight, Harry W.	1911	Highland Park, N. J.
*Hall, Herbert J.	1894	

*Deceased

- Hall, Robert G. 1910
 Hamlin, Hannibal. 1941
 Hand, Delbert W. 1935
 Hanflig, Samuel. 1931
 Hansell, W. Whitfield. . . . 1917
 Harbin, Maxwell. 1923
 Harkey, J. Mace. 1940
 Harral, Pinckney. 1935
 Harper, Edwin A. 1934
 Harris, Albert H. 1931
 Harris, Herbert E. 1936
 Harris, Jerome S. 1936
 Hartman, Frederick B. . . . 1935
 Harvery, Campbell. 1921
 Hass, George. 1931
 Hassman, David M. 1915
 *Haven, George. 1882
 Helmick, Arthur G. 1913
 Henry, Myron O. 1922
 Herrick, Theodore P. 1920
 Hertig, A. T. 1932
 Heyl, Henry L. 1935
 Hibben, F. H. 1914
 *Higgins, Frank A. 1891
 Hight, Donald. 1935
 Hightower, Robert A. . . . 1936
 Hildebrand, Edward E. . . . 1941
 Hill, Allen M. 1939
 Hill, A. Morgan. 1928
 Hill, John M. 1941
 Hill, Lewis W. 1915
 Hitchcock, Harold H. . . . 1922
 Ho, Wayne Y. H. 1941
 Hockwalt, Wm. Richard. . . 1929
 Hodgen, John T. 1915
 Hodges, Richard G. 1938
 *Hogarth, Walter P. 1921
 Hoover, Harold R. 1940
 Hopkins, Frank Read. . . . 1930
 Horn, Carl E. 1941
 Horner, Albert A. 1913
 Hosley, Walter A. 1906
 *Howard, A. A. 1910
 Howard, Philip. 1927
 Howard, Rutledge W. . . . 1939
 Howe, Walter C. 1897
 812 S. W. Washington St., Portland, Ore.
 U. S. N.
 450 Sutter St., San Francisco, Calif.
 371 Commonwealth Ave., Boston, Mass.
 901 Surety Bldg., Des Moines, Ia.
 10515 Carnegie Ave., Cleveland, O.
 610 Market Ave., North Canton, O.
 5920 Julian Ave., St. Louis, Mo.
 301 Rivermont Ave., Lynchburg, Va.
 Loudonville, N. Y.
 219 Waterman St., Providence, R. I.
 Duke University, Durham, N. C.
 241 North Main St., Liberty, N. Y.
 Orchard Lake, Mich.
 Cornell Medical School, New York, N. Y.
 1738 Beacon St., Brookline, Mass.
 78 South Fifth St., Columbus, O.
 401 Medical Arts Bldg., Minneapolis, Minn.
 10515 Carnegie Ave., Cleveland, O.
 Boston Lying-In Hospital, Boston, Mass.
 U. S. A.
 Westfield State Sanatorium, Westfield,
 Mass.
 Univ. of Virginia, Charlottesville, Va.
 2651 16th St., N.W., Washington, D.C.
 300 Longwood Ave., Boston, Mass.
 U. S. A.
 1810 Wealthy St., S.E., Grand Rapids, Mich.
 35 Alban St., Dorchester, Mass.
 319 Longwood Ave., Boston, Mass.
 1624 Franklin St., Oakland, Calif.
 Children's Hospital Society, 4614 Sunset
 Blvd., Los Angeles, Calif.
 560 Fidelity Bldg., Dayton, O.
 1810 Wealthy St., S.E., Grand Rapids, Mich.
 Babies Hospital, New York, N. Y.
 U. S. N.
 1112 Church St., Lynchburg, Va.
 241 East Santa Clara, San Jose, Calif.
 319 Longwood Ave., Boston, Mass.
 46 Waban Ave., Waban, Mass.
 Ford Hospital, Detroit, Mich.
 Putchogue, Long Island, N. Y.

*Deceased

Howell, William W.	1899	330 Dartmouth St., Boston, Mass.
Hubbard, Elliot, Jr.	1918	29 Highland St., Cambridge, Mass.
Hubbard, John P.	1931	319 Longwood Ave., Boston, Mass.
Huddleston, John	1899	
Hudson, Henry W., Jr.	1927	U. S. N.
Hugenberger, Paul W.	1934	234 Marlborough St., Boston, Mass.
Hughes, Grey C.	1936	Shackleford Hospital, Martinsville, Va.
Hughes, Harry C.	1937	Axton, Va.
Humphreys, Storer P.	1936	3801 University St., Montreal, Canada
Hunt, Fred C.	1919	34 Fenn St., Pittsfield, Mass.
*Hunting, Nathaniel S.	1886	
Huntington, Frederick	1926	333 Quincy Ave., Scranton, Pa.
Hurd, Arthur H.	1936	595 East Colorado St., Pasadena, Calif.
Huston, Lewis L.	1937	117 12th St., N.E., Cedar Rapids, Ia.
Hyatt, Gilbert T.	1933	151 Rock St., Fall River, Mass.
Ilfeld, Frederic W.	1936	1930 Wilshire Blvd., Los Angeles, Calif.
Jackson, George H.	1918	840 Forest Ave., Evanston, Ill.
Jacobus, Lawrence.	1928	2940 Summit St., Oakland, Calif.
Jeans, Philip.	1910	Children's Hospital, Iowa City, Ia.
Jenks, Harrison D.	1893	
Jennings, Charles G.	1942	The Children's Hospital, Boston, Mass.
Jennings, Robert E.	1934	143 Park St., East Orange, N. J.
Jennings, Percy H., Jr.	1937	Cold Spring Harbor, L. I., N. Y.
Johann, A. E.	1910	685 Harwood Dr., Des Moines, Ia.
Johnson, Erick St. John	1904	18 Fallen St., Cambridge, Mass.
Johnson, Harold N.	1937	106 2d St., Cloverdale, Montgomery, Ala.
Johnston, Joseph A.	1926	1937 Boston Blvd., Detroit, Mich.
Jones, Frank S.	1932	179 Allyn St., Hartford, Conn.
Jones, Harold W.	1901	7610 17th St., Washington, D. C.
Jones, J. Lawrence.	1921	401 Argyle Bldg., Kansas City, Mo.
Joplin, Robert J.	1934	U. S. N.
Judy, J. A.	1926	414 Harris Bldg., Dayton, O.
Jump, Ellis B., D.M.D.	1938	University of Chicago, Chicago, Ill.
Karp, Meier G.	1935	234 Marlborough St., Boston, Mass.
Keane, Clarence.	1905	Silverton, Ore.
Keever, Henry F.	1909	69 Maple Rd., Auburndale, Mass.
Kendrick, James I.	1932	2020 East 93d St., Cleveland, O.
Kennard, John H.	1938	967 Elm St., Manchester, N. H.
Key, John A.	1920	Wash. Univ. Med. School, St. Louis, Mo.
Key, William A.	1928	23 2d Ave., San Mateo, Calif.
King, Donald.	1917	1101 Beacon St., Boston, Mass.
King, Edward.	1917	Hayward Bldg., Asheville, N. C.
*King, James M.	1926	
*Knowles, W. F.	1882	
Koplik, Louis.	1931	311 East 72d St., New York, N. Y.

*Deceased

Krakower, Cecil A.	1936	Dept. Tropical Medicine, San Juan, P. R.
Kuhns, John G.	1927	372 Marlborough St., Boston, Mass.
Kyle, Bernard.	1921	1011 Church St., Lynchburg, Va.
Lanman, Thomas H.	1920	U. S. A.
*Larned, F. J.	1914	264 Beacon St., Boston, Mass.
Larson, Carol B.	1937	16th Medical Reg., Fort Devens, Mass.
*Legg, Arthur T.	1900	3135 Webster St., Oakland, Calif.
Legg, Robert L., D.M.D.	1940	525 East 68th St., New York, N. Y.
Legge, Robert F.	1936	384 Post St., San Francisco, Calif.
Levine, S. Z.	1923	503 Ninth Ave., S. W., Rochester, Minn.
Linde, Frederick G.	1925	636 Church St., Evanston, Ill.
*Lindemann, E. E.	1911	122 Waterman St., Providence, R. I.
Logan, George B.	1937	Hanover, Mass.
Loneran, Robert C.	1925	31 Federal St., Greenfield, Mass.
Lord, Robert M.	1920	Peter Bent Brigham Hosp., Boston, Mass.
Low, Harry C.	1896	490 Post St., San Francisco, Calif.
Low, Merritt B.	1934	State Sanatorium, Westfield, Mass.
Lowrey, John J.	1941	300 Longwood Ave., Boston, Mass.
Lucas, William P.	1906	151 Vaughan St., Portland, Me.
Luther, Elliott H.	1926	203 Park St., Stoneham, Mass.
MacCollum, Donald W.	1932	318 St. Louis Ave., Youngstown, O.
McDermott, Leo J.	1939	1515 State St., Santa Barbara, Calif.
McDonald, Francis Chas.	1930	1719 Pacific Ave., Dallas, Tex.
McElroy, William D.	1933	680 South Bronson Ave., Los Angeles, Calif.
McGoverney, Richard B.	1930	University Hospital, Ann Arbor, Mich.
McGuire, Joseph H.	1917	500 Penn Ave., Pittsburgh, Pa.
McKeever, Francis M.	1930	1127 11th St., Sacramento, Calif.
McKhann, Charles F.	1923	U. S. N.
McLaughlin, William.	1931	276 Commonwealth Ave., Boston, Mass.
McNeil, Donald.	1930	Linden Rd., Pinehurst, N. C.
Mahoney, P. J.	1930	107 South 17th St., Omaha, Neb.
*Manning, J. B.	1908	1476 Glenwood Blvd., Schenectady, N. Y.
Maraldi, Carl F.	1927	Shriners' Hospital, Philadelphia, Pa.
Marion, J. W. J.	1911	617 South Olive St., Los Angeles, Calif.
Marr, Myron W.	1908	300 Longwood Ave., Boston, Mass.
Martin, James W.	1924	U. S. A.
Marting, Frank L.	1937	U. S. A.
Matchet, Foster.	1935	913 Floyd Ave., Richmond, Va.
Mathews, Samuel.	1928	866 West College Ave., Jacksonville, Ill.
Matson, Donald D.	1940	198 Union Ave., Framingham, Mass.
Maxwell, Cyrus.	1928	41 Ocean St., Lynn, Mass.
May, Charles D.	1938	
Meade, T. Stanley.	1934	
Meeker, Cornelius S.	1941	
Merriam, Joseph C.	1925	
Metzer, Butler.	1897	

*Deceased

Mewburn, F. H. H.	1922	416 McLeod Bldg., Edmonton, Alberta, Can.
Meyers, Robert S.	1938	Peter Bent Brigham Hosp., Boston, Mass.
Miller, H. L.	1918	163 High St., Taunton, Mass.
*Miller, Harold F.	1929	
Miller, J. Fleek.	1934	482 Hudson Ave., Newark, O.
Miller, Ralph T.	1927	89 Main St., Ware, Mass.
*Milleken, Ralph A.	1926	
Mindlin, Roland D.	1940	Children's Hospital, Detroit, Mich.
Miner, Henry R.	1920	108 West 17th St., Falls City, Neb.
Moore, Beveridge H.	1918	8 South Michigan Blvd., Chicago, Ill.
Moore, Chester B.	1912	384 Post St., San Francisco, Calif.
Moore, George C.	1905	475 Commonwealth Ave., Boston, Mass.
Moore, John M.	1939	384 Post St., San Francisco, Calif.
Moore, Stephen H.	1938	3328 Daniel St., Dallas, Tex.
Morris, Harry D.	1937	700 S. Kings Highway Blvd., St. Louis, Mo.
Morrissey, E. James.	1935	329 South Front St., Milton, Pa.
Morrison, Gordon.	1941	205 3d Ave., San Mateo, Calif.
Morse, William R.	1916	Chengtu, China
Moulton, Robert T.	1937	28½ Broad St., Salem St., Mass.
Mueller, Harry L.	1937	31 Church St., Winchester, Mass.
Mumford, Eugene B.	1905	320 North Meridian St., Indianapolis, Ind.
Muro, Felipe.	1920	Farmington, Mich.
Murphy, John P.	1933	634 North Grand Blvd., St. Louis, Mo.
Myers, A. E.	1913	
Myers, Ernest E.	1932	321 East 42d St., New York, N. Y.
Myers, Samuel W.	1902	84 Hutchins St., Roxbury, Mass.
Naive, Jesse B.	1921	Beverly Hills Sanatorium, Knoxville, Tenn.
Nathan, Louis.	1930	68 Bay State Rd., Boston, Mass.
Neff, Richard S.	1939	U. S. A.
Nelson, Richard L.	1932	1300 8th St., Wichita Falls, Tex.
Newsam, A. Roland.	1922	1644 Broad St., Providence, R. I.
Nichols, Wallace J.	1933	102 Forest St., Medford, Mass.
*Nichols, E. H.	1889	
Nitchman, Donald E.	1940	706 Union St., Schenectady, N. Y.
Norton, Paul L.	1934	264 Beacon St., Boston, Mass.
Norton, Rupert.	1891	
Nutter, John A.	1906	1414 Drummond St., Montreal, Canada
Ober, Frank R.	1914	234 Marlborough St., Boston, Mass.
O'Brien, Robert M.	1940	3838 Flad Ave., St. Louis, Mo.
O'Connor, Dennis.	1926	158 Whitney Ave., New Haven, Conn.
O'Meara, John W.	1919	390 Main St., Worcester, Mass.
O'Neil, Frank C.	1937	216 South Main St., Middletown, O.
Osgood, Rudolph.	1930	Truesdale Hosp., Fall River, Mass.
Otis, Henry S.	1882	
Overlander, Charles L.	1906	443 Marlborough St., Boston, Mass.

*Deceased

- Packard, Robert G. 1915
 Page, Calvin G. 1893
 Painter, Charles F. 1893
 Palfrey, F. W. 1903
 Parker, Willard S. 1912
 Parnall, Edward. 1932
 Patchen, Paul J. 1931
 Patrick, William F. 1917
 Patterson, Robert L. 1934
 *Peckham, Frank E. 1888
 Pelkan, Karl F. 1925
 *Pegram, John C., Jr. 1896
 Percy, Karlton G. 1913
 *Perkins, John W. 1884
 Perry Sherman. 1909
 Peters, William C. 1904
 Phelps, Winthrop M. 1924
 Pickard, Nicholas S. 1941
 Pierce, F. Richard. 1935
 Pike, Maurice. 1928
 Pinckny, F. H. 1914
 Pinkerton, Henry. 1916
- Pitkin, Horace C. 1927
 Placek, Joseph C. 1933
 Pohl, John F. 1933
 Pokorny, Norman A. 1933
 Politzer, Richard M. 1926
 Porter, Arnold. 1941
 *Porter, Donald W. 1914
 *Porter, Donald W. 1914
 Porter, Robert B. 1901
 Pratt, Henry. 1933
 Prescott, H. D. (Retired). 1903
 Pyle, Henry D. 1929
- Radcliffe, Ernest J. 1925
 Ramsay, Robert E. 1918
 Ramsey, W. S. 1914
 Rawlings, Junius Mott. . 1929
 Record, Eugene E. 1929
 Rector, John M. 1933
 Rector, Lewis E. 1939
 Reed, Carson R. 1935
 Reese, C. A. 1907
 Regan, John W. 1937
 Register, John F. 1935
 Reidy, John A., Jr. 1938
- 711 Marion St., Denver, Col.
 129 Marlborough St., Boston, Mass.
 520 Commonwealth Ave., Boston, Mass.
 25 Lime St., Boston, Mass.
 270 Commonwealth Ave., Boston, Mass.
 247 Culver Rd., Rochester, N. Y.
 8480 Commercial Ave., Chicago, Ill.
 1020 S.W. Taylor St., Portland, Que.
 135 East 65th St., New York, N. Y.
- 241 East Santa Clara St., San Jose, Calif.
 520 Commonwealth Ave., Boston, Mass.
- 22 Walnut St., Winchester, Mass.
 45 State St., Bangor, Me.
 3038 St. Paul St., Baltimore, Md.
 1400 Professional Bldg., Kansas City, Mo.
 U. S. A.
 179 Allyn St., Hartford, Conn.
 186 South St., Morristown, N. J.
 St. Louis University School of Medicine,
 St. Louis, Mo.
 909 Hyde St., San Francisco, Calif.
 1515 Carnegie Ave., Cleveland O.
 1945 Medical Arts Bldg., Minneapolis, Minn.
 20 Maple St., Springfield, Mass.
 103 East North St., Greenville, S. C.
 Peter Bent Brigham Hosp., Boston, Mass.
- North Easton, Mass.
 U. S. A.
 26 Grove St., New Bedford, Mass.
 105 East Jefferson Blvd., South Bend, Ind.
- 67 Butterfield Ter., Amherst, Mass.
 65 North Madison Ave., Pasadena, Calif.
 407 East Kingsley St., Ann Arbor, Mich.
 116 Mills St., El Paso, Tex.
 U. S. A.
 2000 Van Ness Ave., San Francisco, Calif.
 U. S. N.
 1560 Line Ave., Shreveport, La.
 Beaumont du Perigord, Dordogne, France
 South Carolina Med. Col., Charleston, S. C.
 101 North Elm St., Greensboro, N. C.
 372 Marlborough St., Boston, Mass.

*Deceased

Rew, Willard B.	1934	507 Larson Bldg., Yakima, Wash.
Rhineland, Frederic W.	1939	Gilbert Rd., Meadowbrook, Pa.
Rizer, Dean K.	1939	2301 Oliver Ave., Minneapolis, Minn.
*Robb, William A.	1931	
Robbins, Fred C.	1942	300 Longwood Ave., Boston, Mass.
Roberts, Madison Hines.	1921	104 Ponce de Leon Ave., Atlanta, Ga.
*Roberts, Sumner.	1929	
Roberts, Wyatt	1961	3838 9th St., Birmingham, Ala.
Robertson, L. B.	1913	University of Chicago, Ill.
Rogers, William.	1923	264 Beacon St., Boston, Mass.
Ross, Alan S.	1931	1414 Drummond St., Montreal, Can.
Ross, Fred E.	1912	501 West Ninth St., Erie, Pa.
Ross, Frederick P.	1941	U. S. A.
Ross, Ralph A.	1939	319 Longwood Ave., Boston, Mass.
Rowe, Carter R.	1938	1108 Princess Ann St., Fredericksburg, Va.
*Rowland, Russell S.	1904	
Rowley, Howard F.	1923	176 South Goodman St., Rochester, N. Y.
Rubin, Gabriel J.	1926	520 Beacon St., Boston, Mass.
Rue, Homer A.	1920	625 South Lorena St., Los Angeles, Calif.
Rumsey, William L.	1941	5 Sherman Ave., Bronxville, N. Y.
Rutherford, Frederick H.	1937	417 East Union St., Seattle, Wash.
Ryerson, Edwin W.	1897	232 East Walton P., Chicago, Ill.
*Sadler, Roy A.	1909	
Saeger, Ernest T.	1919	70 Oldham Rd., West Newton, Mass.
Sander, John F.	1926	320 Townsend St., Lansing, Mich.
Sandmeyer, John A.	1938	Peter Bent Brigham Hosp., Boston, Mass.
Sanford, Charles H.	1913	923 Walton Ave., New York, N. Y.
Schlesinger, W. F.	1927	Beth Israel Hospital, Boston, Mass.
Schott, Harry J.	1921	727 West 7th St., Los Angeles, Calif.
Schulz, Reuben.	1929	Whittier Rd., Wellesley, Mass.
Schultz, Robert V.	1931	U. S. A.
Schwartz, Eugene.	1934	200 East Pershing St., Springfield, Mo.
Schwartz, R. Plato.	1920	260 Crittendon Blvd., Rochester, N. Y.
Scudder, Charles.	1886	Longwood Towers, Brookline, Mass.
Seabold, William W.	1935	5012 Edmondson Ave., Baltimore, Md.
Seelye, Walter B.	1929	1305 4th Ave., Seattle, Wash.
Segar, Louis.	1914	23 East Ohio St., Indianapolis, Ind.
Seleseth, Iver F.	1920	621 West Lake St., Minneapolis, Minn.
Selva, Julio.	1892	
Sever, James W.	1901	321 Dartmouth St., Boston, Mass.
Shaffner, Louis deS.	1942	Peter Bent Brigham Hosp., Boston, Mass.
Shannon, James.	1933	1414 Drummond St., Montreal, Can.
Shannon, Paul W.	1934	1927 1st Ave., Birmingham, Ala.
Sheldon, Walter S.	1939	Peter Bent Brigham Hosp., Boston, Mass.
Sherwood, David W.	1929	U. S. N.
Shortell, Joseph.	1918	270 Commonwealth Ave., Boston, Mass.
Shugarman, Wilson G.	1940	(See Grub)

*Deceased

Schwachman, Harry	1930	416 Marlborough St., Boston, Mass.
Simon, Royal	1931	515 Oakland Ave., Williamsport, Pa.
Skinner, Marcus	1913	Marcus Skinner Clinic, Selma, Ala.
Smith, Clement A.	1931	300 Longwood Ave., Boston, Mass.
Smith, Edward T.	1936	1228 Medical Arts Bldg., Houston, Tex.
Smith, F. R.	1921	107 East 67th St., New York, N. Y.
Smith, L. D.	1924	2454 West Kilborn Ave., Milwaukee, Wis.
Smith, Richard M.	1909	66 Commonwealth Ave., Boston, Mass.
Smyth, Francis Scott	1923	3d St. & Parnassus Ave., San Francisco, Cal.
Snedeker, Lendon	1932	66 Commonwealth Ave., Boston, Mass.
Soule, Herbert C., Jr.	1922	16 North Goodman St., Rochester, N. Y.
*Soutter, Robert	1898	Duxbury, Mass.
Spalding, Roger	1903	79 Hundreds Rd., Wellesley, Mass.
Spaulding, Charles L.	1899	1106 Republic Bldg., Denver, Colo.
Spencer, Harvey	1928	1706 Chester Ave., Bakersfield, Calif.
*Spencer, J. B.	1908	262 Beacon St., Boston, Mass.
Spicer, Charles M.	1915	U. S. A.
Spring, C. W.	1883	4214 16th St., N.W., Washington, D. C.
Stanton, James T.	1938	South Dartmouth, Mass.
Staples, O. Sherwin	1938	108 South Vine St., North Platte, Kans.
Starbuck, George W.	1941	3780 Wilshire Blvd., Los Angeles, Calif.
Steinberg, Alfred	1920	58 Pleasant St., Arlington, Mass.
Stetson, Frank E.	1897	1553 Woodward Ave., Detroit, Mich.
Stevenson, Edward	1927	5215 Pleasant Run Pkwy, Indianapolis, Ind.
Stewart, Steele F.	1920	Stanford University, San Francisco, Calif.
Stickney, Edwin P.	1891	303 Medical Arts Bldg., Portland, Ore.
*Stickney, William	1906	935 Main St., Bridgeport, Conn.
Stiefel, D. M.	1924	300 Longwood Ave., Boston, Mass.
Stoeffler, Walter	1928	300 Longwood Ave., Boston, Mass.
*Storey, Carroll L.	1916	Gallanger Hospital, 19 St. and Mass. Ave., Washington, D. C.
Storey, Thomas A.	1905	Peter Bent Brigham Hosp., Boston, Mass.
Stratford, Eldredge W.	1931	25 Bay State Rd., Boston, Mass.
Strayer, Luther B.	1939	270 Commonwealth Ave., Boston, Mass.
Sturdevant, Charles L.	1941	Mass. General Hosp., Boston, Mass.
Swan, Henry	1941	U. S. A.
Sweet, Lewis K.	1931	264 Beacon St., Boston, Mass.
Swenson, Orvar	1940	31 Deering St., Portland, Me.
Sylvester, Philip H.	1907	2007 Wilshire Blvd., Los Angeles, Calif.
		2201 Fourth Ave., San Diego, Calif.
		417 South Hill St., Los Angeles, Calif.
Talbot, Fritz B.	1905	
Talbot, Nathan B.	1938	
Tanner, Dean W.	1938	
Tefft, Richard C.	1922	
Thompson, Milton S., Jr.	1935	
Thompson, Vernon P.	1926	
Thornton, Andrew	1919	
Thurber, D. Packard	1918	

*Deceased

Thurston, Donald L.	1941	4 Oakleigh Lane, Clayton, Va.
Tobin, William J.	1940	Fort Benning, Ga.
Tomkies, James S.	1910	5831 Margerita St., Dallas, Tex.
Treanor, John P., Jr.	1925	1101 Beacon St., Brookline, Mass.
Tso, Ernest	1919	c-o American Mission, Ichann, China
Tucker, James	1929	116 East Franklin St., Richmond, Va.
Troxler, Robert T.	1941	Mass. General Hospital, Boston, Mass.
Tucker, J. F.	1883	
Turner, Arthur R.	1929	5744 Drexel Ave., Chicago, Ill.
Turtle, William J.	1936	66 Commonwealth Ave., Boston, Mass.
Tweddell, Henry J.	1940	Woonsocket Hospital, Woonsocket, R. I.
Ulrich, Joseph M.	1920	193 West Market St., Akron, O.
Van Meter, Agram L.	1915	427 Bank of America Bldg., Stockton, Calif.
Van Ornum, Earl N.	1928	13780 Wilshire Blvd., Los Angeles, Calif.
Vincent, Beth	1903	925 Boylston, St. Boston, Mass.
Virkler, Stanley, D.M.D.	1935	572 Washington St., Wellesley, Mass.
Vogel, Harold T.	1926	3420 86th St., Jackson Hts., L. I., N. Y.
Wachter, Harry E.	1936	203 Beaumont Medical Bldg., St. Louis, Mo.
Wallace, William	1942	U. S. A.
Walthal, Damon	1916	315 Alameda Rd., Kansas City, Mo.
Walker, John H.	1933	1620 Oklahoma Ave., Guthrie, Okla.
*Warren, Henry S.	1899	
Washburn, Alfred	1924	1950 Forest Parkway, Denver, Colo.
Washburn, Frederic A.	1894	190 Bay State Rd., Boston, Mass.
Watson, Richard G.	1924	1624 Franklin St., Oakland, Calif.
Webster, Fred P.	1903	10 Congress Sq., Portland, Me.
Weigel, Edgar W.	1927	970 Park Ave., Elizabeth, N. J.
Weigle, Carl E.	1923	25 Gifford Ave., Jersey City, N. J.
Weiler, Howard G.	1930	40 14th St., Wheeling, W. Va.
Weir, Dwight	1932	53 North Mulberry St., Mansfield, O.
Wheeler, Warren E.	1937	Wayne Medical School, Detroit, Mich.
White, Robert S.	1939	U. S. A.
Whitford, Warren	1930	Windsor Locks, Conn.
Whittemore, Frank S.	1890	
Wilcox, John C.	1936	281 South Thomas St., Pomona, Calif.
Wilens, Gustav	1926	40 Main St., Torrington, Conn.
Williams, McChord	1938	Charlotte, N. C.
Wilson, Edward H.	1923	395 East Broad St., Columbus, O.
Wilson, Franklin D.	1919	5352 Studeley Ave., Norfolk, Va.
Wilson, James L.	1929	Wayne Medical School, Detroit, Mich.
Wilson, James	1920	216 West 137th St., New York, N. Y.
*Wilson, Louis T.	1902	
Wing, Wilson M.	1939	Roosevelt Hospital, New York, N. Y.
Woo, Lan Sing	1919	St. Luke's Hospital, Shanghai, China
Wood, Benjamin E.	1907	Canton, Mass.

*Deceased

Woodberry, H. S.	1914	
Woodbury, William P.	1906	
Wooley, Paul V., Jr.	1938	Boem Becher Hospital, University of Oregon, Medical School, Portland, Ore.
Worden, Ernest M.	1941	4940 Coronet St., Montreal, Can.
Work, Henry M.	1939	Children's Hospital, Buffalo, N. Y.
Wormelle, Charles B.	1901	75 Gardner St., Allston, Mass.
Wylie, Eugene C.	1894	556 Washington St., Dorchester, Mass.
Wyman, Edwin T.	1912	319 Longwood Ave., Boston, Mass.
Wysor, Frank L.	1916	501 Ridgeway St., Clifton Forge, Va.
*Young, Ernest B.	1895	
Young, J. H.	1909	66 Commonwealth Ave., Boston, Mass.
Zuelzer, Wolfgang.	1938	Children's Hospital of Michigan, Detroit, Mich.

*Deceased

THE CHILDREN'S HOSPITAL

300 LONGWOOD AVENUE, BOSTON

NOT OPEN TO PERSONS ABLE TO PAY A DOCTOR'S FEE

AGE LIMIT—12 YEARS

Medical (*By appointment*)—Every Morning—Tel.: ASPinwall 5930

Medical Clinic Branches (*By Appointment from Medical Clinic Only*)

Medical-Neurological. Wed. and Thurs., 9.00 a.m.
Eczema. Thursday, 9.00 a.m.
Luetic. Monday, 2.00 p.m.
Diabetic. Monday, 2.00 p.m.
Boston Lying-In Discharged Baby Clinic. . . . Wednesday, 2.00 p.m.
Children's Hospital Medical Discharge Clinic. . . Wednesday, 2.00 p.m.
Infant's Hospital Discharge Clinic. Wednesday, 2.00 p.m.
Rheumatic Fever Clinic. Thursday, 2.00 P.M.
Heart. Thursday, 2.00 P.M.
Anaphylaxis Clinic. Tues. and Fri., 2.00 p.m.
Muscle Training Clinic (Bader Bldg.). Mon., Wed., Fri., 2.00 p.m.
New Cases—Friday, 2.00 p.m.

SURGICAL—Every Morning—8.30 to 10.00 a.m.

Carbon Dioxide Treatment. Friday, 10.45 a.m.
Surgical-Neurological (*By Appointment*). . . . Wednesday, 8.30 a.m.
Plastic-Surgery. Friday, 8.30 a.m.

Ear, Nose, Throat—Tuesday and Thursday, 8.30 to 10.00 a.m.

(*By Appointment*)

Orthopedic—Every Morning—8.30 to 10.00 a.m.

Arthritis Clinic—Alternate Thursdays at 2.00 p.m.
(*By Appointment*)

Infantile Paralysis (Bader Bldg.)—Tues., Thurs., Fri., 8.30 to 10.00 a.m.

Physiotherapy (Bader Bldg.)

Scoliosis-Posture—Tues., and Thurs., 2.00 to 3.30 p.m.—Sat., 8.30 a.m.
Med., Surg., Orth. Physiotherapy—Mon., Wed., Fri., 8.30 to 10.00 a.m.
Light Therapy—Mon., Wed., Fri. *By appointment from clinics only.*
New Cases—Monday, 9.00 a.m.
Exercises—Pool—*By appointment only.*

Orthodontia—Wednesday, 9.00 a.m.—For Post-operative cases.

By Appointment only.

No Clinics on Sundays or Holidays

Tel.: ASPinwall 5930

